

## Rabbit UXT Polyclonal Antibody | anti-UXT antibody

UXT Antibody

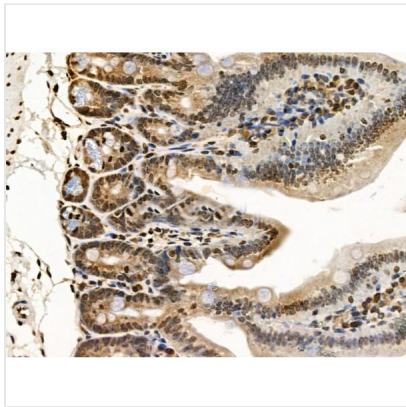
| CATALOG # | HOST   | REACTIVITY                                                                                                            | APPLICATIONS |
|-----------|--------|-----------------------------------------------------------------------------------------------------------------------|--------------|
| AAA329188 | Rabbit | Human, Mouse, Rat<br>Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%) | ELISA        |

### PRODUCT SYNONYMS

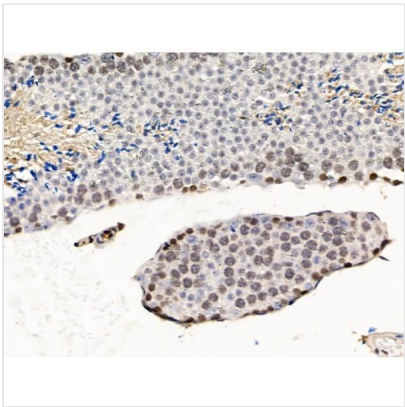
UXT; Polyclonal Antibody; UXT Antibody; Androgen receptor trapped clone 27 protein; ART 27; ART-27; OTTHUMP00000023226; OTTHUMP00000023227; Protein UXT; SKP2 associated alpha PFD 1; STAP1; Ubiquitously expressed prefoldin like chaperone; Ubiquitously expressed transcript; Ubiquitously expressed transcript protein; Uxt; UXT\_HUMAN; anti-UXT antibody

### PRODUCT SPECIFICATIONS

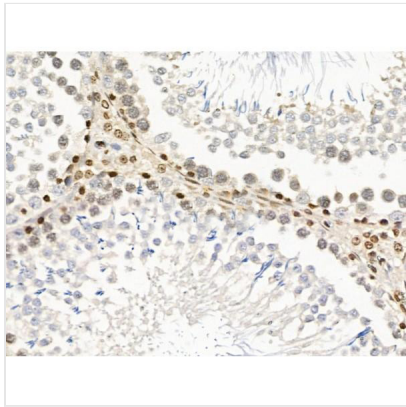
|                                               |                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                   |
| Reactivity                                    | Human, Mouse, Rat<br>Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)    |
| Clonality                                     | Polyclonal                                                                                                               |
| Isotype                                       | IgG                                                                                                                      |
| Specificity                                   | UXT Antibody detects endogenous levels of total UXT.                                                                     |
| Purity/Purification                           | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                   | Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                  |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                                   |
| Sequence Length                               | 157                                                                                                                      |
| Applicable Applications for anti-UXT antibody | ELISA                                                                                                                    |
| Immunogen                                     | A synthesized peptide derived from human UXT, corresponding to a region within the internal amino acids.                 |
| Fragment                                      | Fab fragment                                                                                                             |
| Preparation and Storage                       | Store at -20 degree C. Stable for 12 months from date of receipt.                                                        |



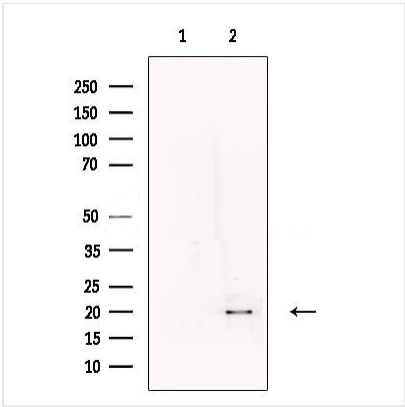
**IHC (Immunohistochemistry)**  
AAA329188 at 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry)**  
AAA329188 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry)**  
AAA329188 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**WB (Western Blot)**  
Western blot analysis of extracts from Human adrenal gland, using UXT Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-<br>UXT antibody | <p>Function: Involved in gene transcription regulation (PubMed:28106301, PubMed:21730289). Acts in concert with the corepressor URI1 to regulate androgen receptor AR-mediated transcription (PubMed:11854421, PubMed:21730289). Together with URI1, associates with chromatin to the NKX3-1 promoter region (PubMed:21730289). Negatively regulates the transcriptional activity of the estrogen receptor ESR1 by inducing its translocation into the cytoplasm (PubMed:28106301). May act as nuclear chaperone that facilitates the formation of the NF-kappa-B enhanceosome and thus positively regulates NF-kappa-B transcription activity (PubMed:17620405, PubMed:21307340). Potential component of mitochondrial-associated LRPPRC, a multidomain organizer that potentially integrates mitochondria and the microtubular cytoskeleton with chromosome remodeling (PubMed:17554592). Increasing concentrations of UXT contributes to progressive aggregation of mitochondria and cell death potentially through its association with LRPPRC (PubMed:17554592). Suppresses cell transformation and it might mediate this function by interaction and inhibition of the biological activity of cell proliferation and survival stimulatory factors like MECOM (PubMed:17635584).Plays a role in protecting cells against TNF-alpha-induced apoptosis by preventing the recruitment of FADD and caspase 8 to the apoptotic complex I, composed of TRADD, TRAF2 and RIPK1/RIP.</p> <p>Subcellular Location: Cytoplasm. Cytoplasm. Nucleus. Cytoplasm&gt;Cytoskeleton&gt;Microtubule organizing center&gt;Centrosome. Cytoplasm&gt;Cytoskeleton&gt;Spindle pole. Note: Predominantly localizes to the nucleus (PubMed:16221885). Localizes to spindle pole during mitosis (PubMed:16221885).</p> <p>Tissue Specificity: Ubiquitous (PubMed:10087202, PubMed:11854421, PubMed:17635584, PubMed:11827465). Expressed in prostate epithelial cells (PubMed:21730289). Expressed in mammary epithelial cells (PubMed:28106301). Highest levels in the heart, skeletal muscle, pancreas, kidney, liver, adrenal gland, peripheral blood leukocytes, lymph node, prostate, and thyroid and the lowest levels in bladder and uterus (PubMed:11854421, PubMed:17635584, PubMed:11827465). Overexpressed in a number of tumor tissues (PubMed:11854421, PubMed:16221885, PubMed:28106301).</p> <p>Subunit Structure: Homohexamer (PubMed:16221885). Interacts with LRPPRC (PubMed:11827465, PubMed:17554592). Interacts with androgen receptor AR (via N-terminus) (PubMed:11854421). Interacts with estrogen receptor ESR1; the interaction relocalizes ESR1 from the nucleus to the cytoplasm (PubMed:28106301). In the nucleus, interacts specifically with RELA (via RHD domain) and forms a dynamic complex with NF-kappa-B and is recruited to the NF-kappa-B enhanceosome upon stimulation (PubMed:17620405). Interacts with MECOM (PubMed:17635584). Interacts with URI1 (PubMed:21730289). Isoform 1 is part of complex I composed of TNF-alpha receptor TNFRSF1A, TRADD, TRAF2 and RIPK1 formed in response to TNF-alpha stimulation. Within the complex, interacts (via TPQE motif) with TRAF2; the interaction prevents the recruitment of FADD and CASP8/caspase 8 to complex I (PubMed:21307340).</p> <p>Similarity: Belongs to the UXT family.</p> |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8928445                                                                                      |
| NCBI GeneID                      | 8409                                                                                         |
| UniProt Accession #              | Q9UBK9                                                                                       |
| Molecular Weight                 | Observed Molecular Weight: (Observed)18kD.<br>Predicted Molecular Weight: (Calculated)18kDa. |
| NCBI Official Full Name          | Protein UXT                                                                                  |
| NCBI Official Synonym Full Names | ubiquitously expressed prefoldin like chaperone                                              |
| NCBI Official Symbol             | UXT                                                                                          |
| NCBI Official Synonym Symbols    | STAP1; ART-27                                                                                |
| NCBI Protein Information         | protein UXT                                                                                  |
| UniProt Protein Name             | Protein UXT                                                                                  |
| UniProt Gene Name                | UXT                                                                                          |

|                            |           |
|----------------------------|-----------|
| UniProt Synonym Gene Names | ART-27    |
| UniProt Entry Name         | UXT_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/uxt-antibody-elisa/329188>