

## Rabbit anti-Human UBA1 Polyclonal Antibody | anti-UBA1 antibody

UBA1 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA303345</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

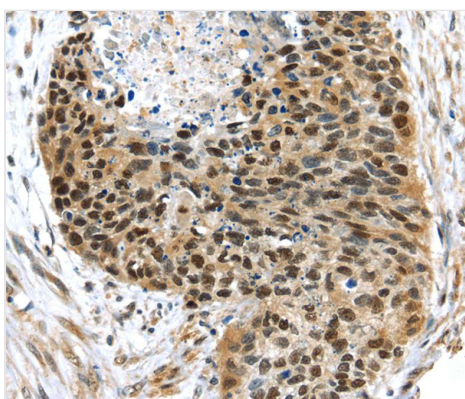
### PRODUCT SYNONYMS

UBA1; Polyclonal Antibody; UBA1 Antibody; A1S9; A1ST; GXP1; UBE1; A1S9T; AMCX1; POC20; SMAX2; UBA1A; UBE1X; CFAP124; anti-UBA1 antibody

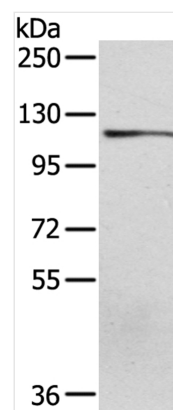
### PRODUCT SPECIFICATIONS

|                                                |                                                                        |
|------------------------------------------------|------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                 |
| Reactivity                                     | Human                                                                  |
| Clonality                                      | Polyclonal                                                             |
| Specificity                                    | The antibody detects endogenous levels of total UBA1 protein.          |
| Purity/Purification                            | Antigen affinity purification.                                         |
| Form/Format                                    | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.        |
| Concentration                                  | 2.7 mg/ml (varies by lot)                                              |
| Sequence Length                                | 1058                                                                   |
| Applicable Applications for anti-UBA1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                          |
| Immunogen Type                                 | Peptide                                                                |
| Immunogen Description                          | Synthetic peptide of human ubiquitin-like modifier activating enzyme 1 |
| Target Name                                    | UBA1                                                                   |
| Preparation and Storage                        | Store at -20 degree C                                                  |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/40.


**Application Data**

Gel: 6%SDS-PAGE Lysate: 40ug Human fetal brain tissuePrimary antibody: 1/400 dilution  
Secondary antibody dilution: 1/8000Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-UBA1 antibody | The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively spliced transcript variants that encode the same protein have been described. |
| Product Categories/Family for anti-UBA1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 23510338                                                                  |
| NCBI GeneID                      | 7317                                                                      |
| NCBI Accession #                 | NP_003325.2                                                               |
| NCBI GenBank Nucleotide #        | NM_003334.3                                                               |
| UniProt Accession #              | P22314; Q5JRR8; Q96E13                                                    |
| Molecular Weight                 | 113,800 Da                                                                |
| NCBI Official Full Name          | ubiquitin-like modifier-activating enzyme 1                               |
| NCBI Official Synonym Full Names | ubiquitin-like modifier activating enzyme 1                               |
| NCBI Official Symbol             | UBA1                                                                      |
| NCBI Official Synonym Symbols    | A1S9; A1ST; GXP1; UBE1; A1S9T; AMCX1; POC20; SMAX2; UBA1A; UBE1X; CFAP124 |
| NCBI Protein Information         | ubiquitin-like modifier-activating enzyme 1                               |
| UniProt Protein Name             | Ubiquitin-like modifier-activating enzyme 1                               |
| UniProt Gene Name                | UBA1                                                                      |
| UniProt Synonym Gene Names       | A1S9T; UBE1                                                               |
| UniProt Entry Name               | UBA1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uba1-antibody-immunohistochemistry-western-blot-elisa/303345>