

# Rabbit Uncoupling Protein 2, Mitochondrial (UCP2) Polyclonal Antibody | anti-UCP2 antibody

Polyclonal Antibody to Uncoupling Protein 2, Mitochondrial (UCP2)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA131213 | Rabbit | Mouse, Human, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

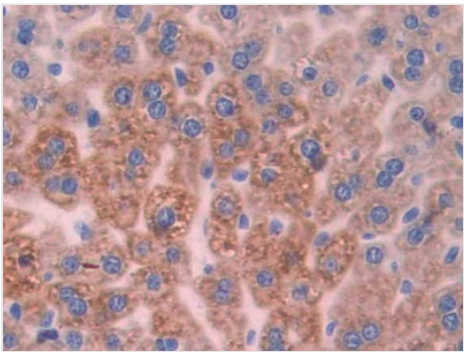
## PRODUCT SYNONYMS

Uncoupling Protein 2; Mitochondrial (UCP2); Polyclonal Antibody; Polyclonal Antibody to Uncoupling Protein 2; anti-UCP2 antibody

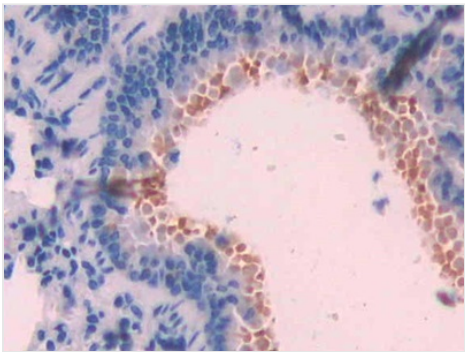
## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                        |
| Reactivity                                     | Mouse, Human, Rat                                                                                                                                                                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                    |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against UCP2. It has been selected for its ability to recognize UCP2 in immunohistochemical staining andwestern blotting.                                                                                                                 |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                       |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.                                                                                                                                                                                                                  |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                      |
| Sequence                                       | Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low.<br>MG HHHHHHSGSE F-AGGGRRYQ STVEAYKTIA REEGIRGLWK GTSPNVARNA IVNCAELVTY DLIKDTLLKA<br>NLMTDDLPCF FTSAFGAGFC TTVIASPVDV VKTRYMNSAL GQYHSAGHCA LTMLRKEGPR AFYKGFMPSPF<br>LRLGSWNVVM FVTYEQLKRA LMAAYQS |
| Sequence Length                                | 309                                                                                                                                                                                                                                                                                           |
| Applicable Applications for anti-UCP2 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                               |
| Immunogen                                      | Recombinant UCP2 (Ala150~Ser304) expressed in E.coli.                                                                                                                                                                                                                                         |
| Cross Reactivity                               | Human, Mouse                                                                                                                                                                                                                                                                                  |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                         |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                 |

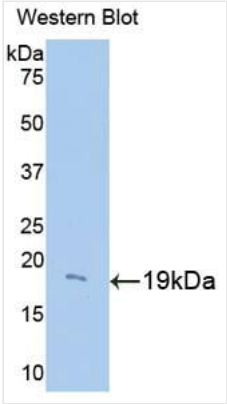
IMAGES



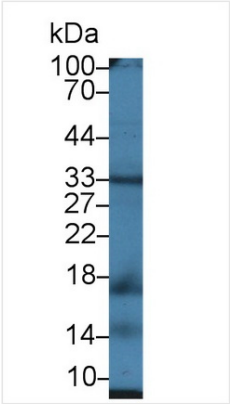
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Liver Tissue



IHC (Immunohistochemisry)  
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.



WB (Western Blot)  
Western Blot: Sample: Mouse Cardiac Muscle lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse UCP2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 188035854                                            |
| NCBI GeneID                      | 22228                                                |
| NCBI Accession #                 | NP_035801.3                                          |
| NCBI GenBank Nucleotide #        | NM_011671.5                                          |
| UniProt Accession #              | P70406; O88285                                       |
| Molecular Weight                 | 33,374 Da                                            |
| NCBI Official Full Name          | mitochondrial uncoupling protein 2                   |
| NCBI Official Synonym Full Names | uncoupling protein 2 (mitochondrial, proton carrier) |
| NCBI Official Symbol             | Ucp2                                                 |
| NCBI Official Synonym Symbols    | UCPH; UCP 2; Slc25a8                                 |
| NCBI Protein Information         | mitochondrial uncoupling protein 2                   |
| UniProt Protein Name             | Mitochondrial uncoupling protein 2                   |
| UniProt Gene Name                | Ucp2                                                 |
| UniProt Synonym Gene Names       | Slc25a8; UCP 2                                       |

**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/uncoupling-protein-2-mitochondrial-ucp2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131213>