

## Rabbit Cathepsin B Polyclonal Antibody | anti-CTSB antibody

Cathepsin B Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA318430 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

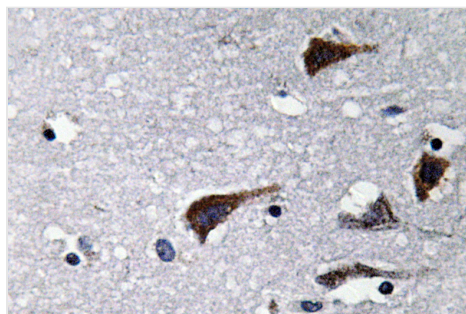
### PRODUCT SYNONYMS

Cathepsin B; Polyclonal Antibody; Cathepsin B Antibody; amyloid precursor secretase; APP secretase; APPS; CATB; cathepsin B; cathepsin B1; CPSB; cysteine protease; preprocathepsin B; anti-CTSB antibody

### PRODUCT SPECIFICATIONS

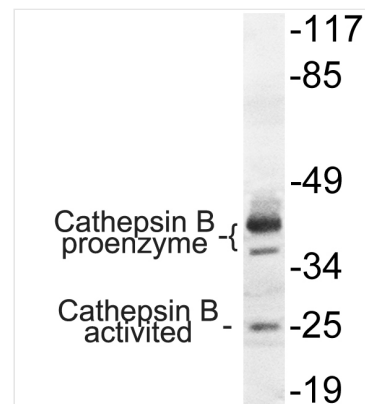
|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                |
| Specificity                                    | Cathepsin B antibody detects endogenous levels of Cathepsin B.                                                            |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                | 339                                                                                                                       |
| Applicable Applications for anti-CTSB antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                      |
| Target Modification                            | Unmodified/Total                                                                                                          |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human Cathepsin B.                                    |
| Immunogen Range                                | 168-217                                                                                                                   |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                               |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of Cathepsin B antibody in paraffin-embedded human brain tissue.



**WB (Western Blot)**

Western blot analysis of lysate from COLO cells, using Cathepsin B antibody.

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 4503139                                |
| NCBI GeneID                      | 1508                                   |
| NCBI Accession #                 | NP_001899.1                            |
| NCBI GenBank Nucleotide #        | NM_001908.4                            |
| UniProt Accession #              | P07858; Q503A6; Q96D87; B3KQR5; B3KRR5 |
| Molecular Weight                 | 37 kDa                                 |
| NCBI Official Full Name          | cathepsin B isoform 1 preproprotein    |
| NCBI Official Synonym Full Names | cathepsin B                            |
| NCBI Official Symbol             | CTSB                                   |
| NCBI Official Synonym Symbols    | APPS; CPSB                             |
| NCBI Protein Information         | cathepsin B                            |
| UniProt Protein Name             | Cathepsin B                            |
| UniProt Gene Name                | CTSB                                   |
| UniProt Synonym Gene Names       | CPSB; APPS                             |

**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://www.aaabiotech.com/polyclonal/cathepsin-b-antibody-immunohistochemistry-western-blot-elisa/318430>