

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

Cathepsin B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311950	Rabbit	Human	Immunocytochemistry, Western Blot

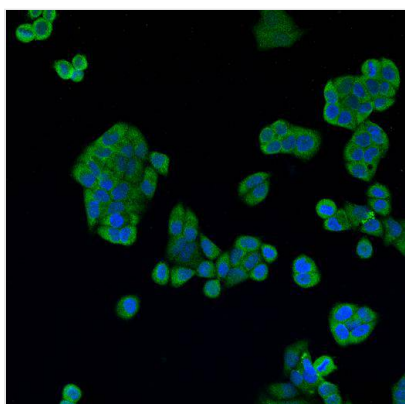
PRODUCT SYNONYMS

Cathepsin B; Polyclonal Antibody; Cathepsin B Antibody; Amyloid precursor protein secretase antibody; APP secretase antibody; APPS antibody; CATB_HUMAN antibody; Cathepsin B heavy chain antibody; Cathepsin B1 antibody; CathepsinB antibody; CPSB antibody; CTSB antibody; cysteine protease antibody; OTTHUMP00000116009 antibody; OTTHUMP00000229510 antibody; OTTHUMP00000229511 antibody; OTTHUMP00000229512 antibody; OTTHUMP00000229514 antibody; OTTHUMP00000229515 antibody; OTTHUMP00000229516 antibody; Preprocathepsin B antibody; anti-CTSB antibody

PRODUCT SPECIFICATIONS

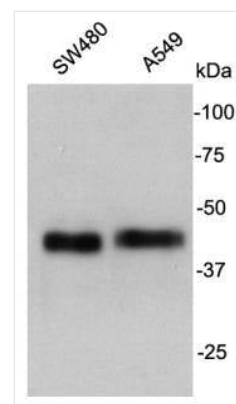
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Sequence Length	339
Applicable Applications for anti-CTSB antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Synthetic peptide (KLH-coupled) within human Cathepsin B C-terminal.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Cathepsin B in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS and counterstained with DAPI in order to highlight the nucleus (blue).



WB (Western Blot)

Western blot analysis on cell lysates using anti- Cathepsin B rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-CTSB antibody	Cathepsin B is an enzymatic protein belonging to the peptidase (or protease) families. In humans, it is coded by the CTSB gene. A wide array of diseases results in elevated levels of cathepsin B, which causes numerous pathological processes including cell death, inflammation, and production of toxic peptides. Focusing on neurological diseases, cathepsin B gene knockout studies in an epileptic rodent model have shown cathepsin B causes a significant amount of the apoptotic cell death that occurs as a result of inducing epilepsy. Mutations in the CTSB gene have been linked to tropical pancreatitis, a form of chronic pancreatitis.
Product Categories/Family for anti-CTSB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	68067549
NCBI GeneID	1508
UniProt Accession #	P07858
Molecular Weight	38kDa
NCBI Official Full Name	Cathepsin B
NCBI Official Synonym Full Names	cathepsin B
NCBI Official Symbol	CTSB
NCBI Official Synonym Symbols	APPS; CPSB; RECEUP
NCBI Protein Information	cathepsin B
UniProt Protein Name	Cathepsin B
UniProt Gene Name	CTSB
UniProt Synonym Gene Names	CPSB; APPS
UniProt Entry Name	CATB_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/cathepsin-b-antibody-immunocytochemistry-western-blot-elisa/311950>