

Goat anti-Human Cathepsin B Antibody | anti-CTSB antibody

Goat Anti-Cathepsin B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61844	Goat	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA

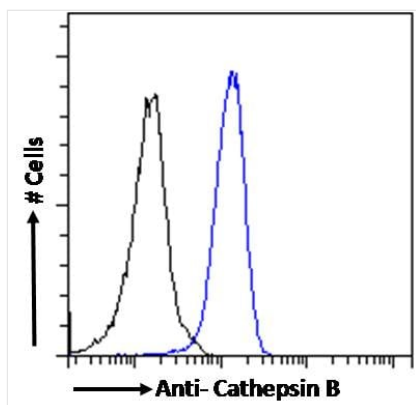
PRODUCT SYNONYMS

Cathepsin B; Goat Anti-Cathepsin B Antibody; CTSB; cathepsin B; APPS; CPSB; APP secretase; amyloid precursor protein secretase; cathepsin B1; cysteine protease; anti-CTSB antibody

PRODUCT SPECIFICATIONS

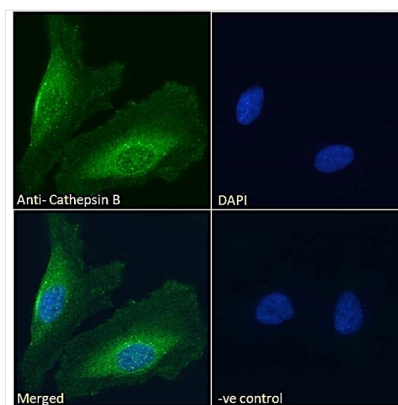
Host	Goat
Reactivity	Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	339
Applicable Applications for anti-CTSB antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence SDRICHTNAHVSVE, from the internal region of the protein sequence according to NP_001899.1.
Peptide Sequence	SDRICHTNAHVSVE
Epitope	Internal region
Important comments	Reported variants represent identical protein: NP_680091.1, NP_680090.1, NP_680092.1, NP_001899.1, NP_680093.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



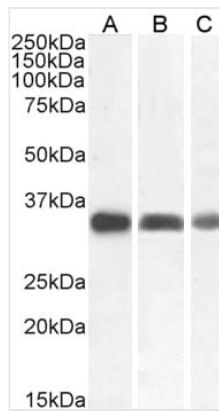
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) fol



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/vesicle and extracellular staining. Th



WB (Western Blot)

1ug/ml) staining of Human Lung (A) and HCORC (B) and (0.5ug/ml) HCBGLC (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

1ug/ml) staining of HepG2 cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503139
NCBI GeneID	1508
NCBI Accession #	NP_001899.1
NCBI GenBank Nucleotide #	NP_001899.1
UniProt Accession #	P07858
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; 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/goat-ctsb-human-antibody/cathepsin-b/61844>