

Rabbit anti-Human Cathepsin H Monoclonal Antibody | anti-CTSH antibody

Cathepsin H Rabbit mAb

CATALOG # AAA283021	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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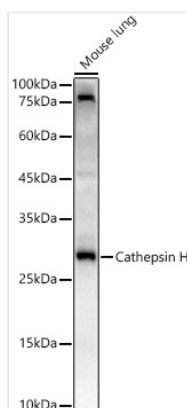
PRODUCT SYNONYMS

Cathepsin H; Monoclonal Antibody; Cathepsin H Rabbit mAb; ACC4; ACC5; CPSB; ACC-4; ACC-5; anti-CTSH antibody

PRODUCT SPECIFICATIONS

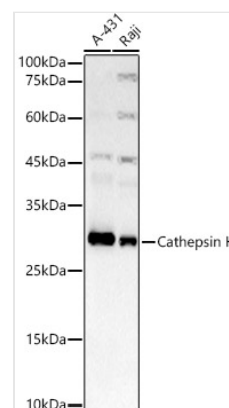
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LESAIAIATG KMLSLAEQQL VDCAQDFNNH GCQGGLPSQA FEYILYNKGI MGEDTYPYQG KDG YCKFQPG KAIGFVKDVA NITYDEEAM VEAVALYNPV S
Applicable Applications for anti-CTSH antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 150-250 of human Cathepsin H (NP_004381.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Mouse lung, using Cathepsin H Rabbit mAb (AAA283021) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates, using Cathepsin H Rabbit mAb (AAA283021) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-CTSH antibody	The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of this gene has been correlated with malignant progression of prostate tumors. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-CTSH antibody	Cell Biology Developmental Biology; Cell Adhesion; Neuroscience; Neurodegenerative Diseases; Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110955
NCBI GeneID	1512
NCBI Accession #	NP_004381.2
NCBI GenBank Nucleotide #	NM_004390.3
UniProt Accession #	P09668; Q96NY6; Q9BUM7; B2RBK0
Molecular Weight	Calculated MW: 37kDa Observed MW: 28kDa
UniProt Protein Name	Pro-cathepsin H
UniProt Gene Name	CTSH
UniProt Synonym Gene Names	CPSB
UniProt Entry Name	CATH_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/monoclonal/cathepsin-h-antibody-western-blot-elisa/283021>