

Rabbit anti-Human CTSV / Cathepsin V Polyclonal Antibody | anti-CTSV antibody

Rabbit Polyclonal (IgG) to Human CTSV / Cathepsin V

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51362	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CTSV / Cathepsin V; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human CTSV / Cathepsin V; Anti-CTSV / Cathepsin V Antibody (aa95-144) IHC-plus; CTSV; Cathepsin L2; preproprotein; Cathepsin V; Cathepsin U; CTSU; CATL2; CTSL2; Human CTSV; anti-CTSV antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CATL2 (Cleaved-Leu114) Antibody detects endogenous levels of fragment of activated CATL2 resulting from cleavage adjacent to Leu114.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	334
Applicable Applications for anti-CTSV antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human CATL2 (aa95-144).
Immunogen	CTSV / Cathepsin V antibody was raised against synthetic peptide from human CATL2 (aa95-144).
Antigen Modification	aa95-144
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



WB (Western Blot)

Western blot of extracts from 293/COS cells, treated with etoposide 25 uM 1h, using CATL2 (Cleaved-Leu114) Antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Anti-CTSL2 / Cathepsin V antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CTSV antibody	Family: Protease; Subfamily: Cysteine C1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23110960
NCBI GeneID	1515
NCBI Accession #	NP_001324.2
NCBI GenBank Nucleotide #	NM_001333.3
UniProt Accession #	O60911; O60233; Q2TB86; Q5T1U0
Molecular Weight	37,329 Da
NCBI Official Full Name	cathepsin L2 preproprotein
NCBI Official Synonym Full Names	cathepsin V
NCBI Official Symbol	CTSV
NCBI Official Synonym Symbols	CTSU; CATL2; CTSL2
NCBI Protein Information	cathepsin L2; cathepsin U; cathepsin L2, preproprotein
UniProt Protein Name	Cathepsin L2
UniProt Gene Name	CTSV
UniProt Synonym Gene Names	CATL2; CTSL2; CTSU
UniProt Entry Name	CATL2_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/ctsv-cathepsin-v-antibody-western-blot-immunohistochemistry-elisa/51362>