

Rabbit Cathepsin D Polyclonal Antibody | anti-CPSD antibody

Cathepsin D Antibody

CATALOG # AAA225575	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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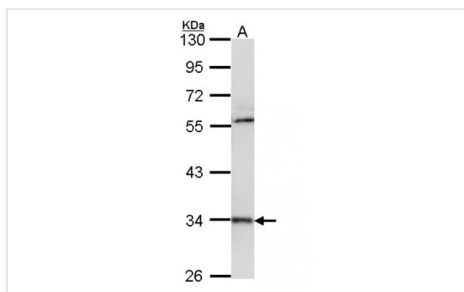
PRODUCT SYNONYMS

Cathepsin D; Polyclonal Antibody; Cathepsin D Antibody; Affinity Purified Rabbit Polyclonal Cathepsin D Antibody; Polyclonal Cathepsin D antibody; Anti-Cathepsin D antibody; cathepsin D antibody; ceroid-lipofuscinosis neuronal 10 antibody; MGC2311 antibody; CLN10 antibody; lysosomal aspartyl protease antibody; lysosomal aspartyl peptidase antibody; CTSD antibody; CPSD antibody; anti-CPSD antibody

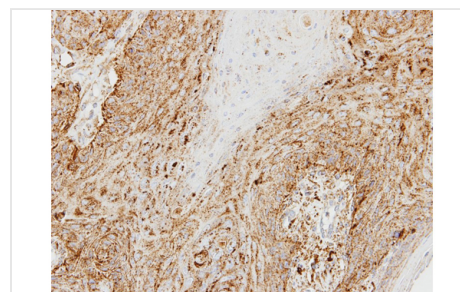
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1.02 mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-CPSD antibody	WB (Western Blot), IHC (Immunohistochemistry)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299) using a 10% SDS PAGE gel and Cathepsin D antibody at a dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using Cathepsin D antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-CPSD antibody	This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease.
Product Categories/Family for anti-CPSD antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503143
NCBI GeneID	1509
NCBI GenBank Nucleotide #	NP_001900.1
UniProt Accession #	P07339
Molecular Weight	45 kDa
NCBI Official Full Name	cathepsin D preproprotein
NCBI Official Synonym Full Names	cathepsin D
NCBI Official Symbol	CTSD
NCBI Official Synonym Symbols	CPSD; CLN10; HEL-S-130P
NCBI Protein Information	cathepsin D
UniProt Protein Name	Cathepsin D
UniProt Gene Name	CTSD
UniProt Synonym Gene Names	CPSD
UniProt Entry Name	CATD_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-d-antibody-western-blot-immunohistochemistry-elisa/225575>