

Rabbit anti-Human, Mouse CTSE Polyclonal Antibody | anti-CTSE antibody

CTSE Antibody

CATALOG # AAA305289	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CTSE; Polyclonal Antibody; CTSE Antibody; CATE; anti-CTSE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CTSE protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.28 mg/ml (varies by lot)
Sequence Length	396
Applicable Applications for anti-CTSE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Cathepsin E
Target Name	CTSE
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human pancreatic cancer tissue using at dilution 1/10.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human stomach cancer tissue Amount of lysate: 40ug per lane Primary antibody: 1/140 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CTSE antibody

The protein encoded by this gene is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase C1 family, has a specificity similar to that of pepsin A and cathepsin D. It is an intracellular proteinase that does not appear to be involved in the digestion of dietary protein and is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach. It is the first aspartic proteinase expressed in the fetal stomach and is found in more than half of gastric cancers. It appears, therefore, to be an oncofetal antigen. Transcript variants utilizing alternative polyadenylation signals and two transcript variants encoding different isoforms exist for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503145
NCBI GeneID	1510
NCBI Accession #	NP_001901.1
NCBI GenBank Nucleotide #	NM_001910.3
UniProt Accession #	P14091; Q5TZ01; Q5TZ02; Q9NY58; Q9UCE3; Q9UCE4
Molecular Weight	39,553 Da
NCBI Official Full Name	cathepsin E isoform a preproprotein
NCBI Official Synonym Full Names	cathepsin E
NCBI Official Symbol	CTSE
NCBI Official Synonym Symbols	CATE
NCBI Protein Information	cathepsin E
UniProt Protein Name	Cathepsin E
UniProt Gene Name	CTSE
UniProt Entry Name	CATE_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/ctse-antibody-immunohistochemistry-western-blot-elisa/305289>