

Rabbit CTSE Polyclonal Antibody | anti-CTSE antibody

CTSE Polyclonal Antibody

CATALOG # AAA170428	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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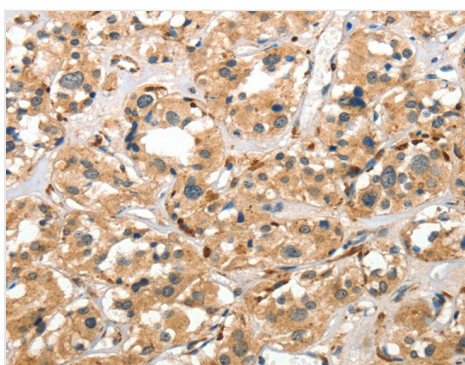
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

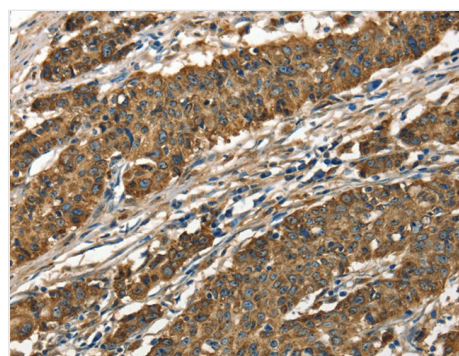
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	397
Applicable Applications for anti-CTSE antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CTSE
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



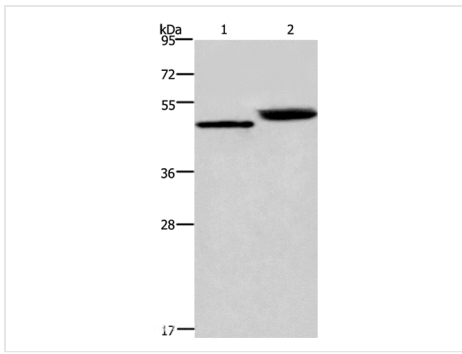
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using CTSE Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using CTSE Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Human stomach cancer and Mouse stomach tissue using CTSE
Polyclonal Antibody at dilution of 1:450

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 #	71059833
NCBI GeneID	13034
UniProt Accession #	P70269; O35647; Q3UKT5; Q4FK00
Molecular Weight	42,938 Da
NCBI Official Full Name	Ctse
NCBI Official Synonym Full Names	cathepsin E
NCBI Official Symbol	Ctse
NCBI Official Synonym Symbols	CE; CatE; A430072O03Rik; C920004C08Rik
NCBI Protein Information	cathepsin E
UniProt Protein Name	Cathepsin E
UniProt Gene Name	Ctse
UniProt Entry Name	CATE_MOUSE

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/170428>