

Rabbit anti-Mouse Cathepsin E Polyclonal Antibody | anti-CTSE antibody

Anti-Cathepsin E Antibody, Rabbit Polyclonal

CATALOG # AAA257182	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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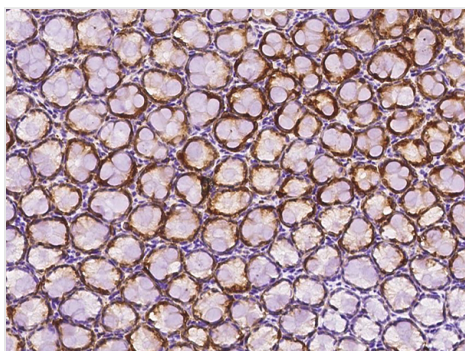
PRODUCT SYNONYMS

Cathepsin E; Polyclonal Antibody; Anti-Cathepsin E Antibody; Rabbit Polyclonal; Cathepsin E/CTSE Antibody; Rabbit PAb; Antigen Affinity Purified; cathepsin E; Anti-A430072O03Rik Antibody; Anti-C920004C08Rik Antibody; Anti-CatE Antibody; Anti-CE Antibody; anti-CTSE antibody

PRODUCT SPECIFICATIONS

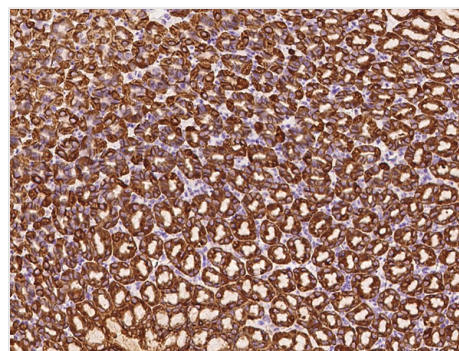
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse Cathepsin E/CTSE
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CTSE antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse Cathepsin E/CTSE Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse Cathepsin E/CTSE (rM Cathepsin E/CTSE). Cathepsin E/CTSE specific IgG was purified by Mouse Cathepsin E/CTSE affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



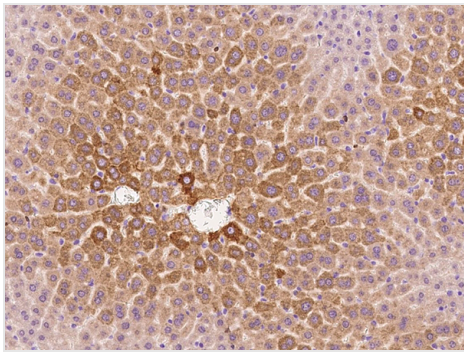
IHC (Immunohistochemistry)

Immunochemical staining of mouse CTSE in mouse colon with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse CTSE in mouse stomach with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
 Immunochemical staining of mouse CTSE in mouse liver with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CTSE antibody	Cathepsin E Protein (CTSE Protein) is a member of the peptidase C1 family that is a gastric aspartic protease that functions as a disulfide-linked homodimer. Cathepsin E Protein (CTSE Protein) is predominantly present in the cells of immune system and is frequently implicated in antigen processing via the MHC classII pathway which however does not appear to be involved in the digestion of dietary protein. The protein has a specificity similar to that of pepsin and pepsin. Cathepsin E Protein (CTSE Protein) is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach and also been found in more than half of the gastric cancers. It appears, therefore, to be an oncofetal antigen.
References	Zaidi N, et al. (2008) Emerging functional roles of cathepsin E. Biochem Biophys Res Commun. 377(2) : 327-30.Zaidi N, et al. (2008) Cathepsin E: a mini review. Biochem Biophys Res Commun. 367(3) :517-22.Azuma T, et al. (1989) Human gastric cathepsin E Predicted sequence, localization to chromosome 1, and sequence homology with other aspartic proteinases.The journal of biological chemistry. 264: 16748-53.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166235886
NCBI GeneID	13034
NCBI Accession #	NP_031825.2
NCBI GenBank Nucleotide #	NM_007799.3
UniProt Accession #	P70269; O35647; Q3UKT5; Q4FK00
Molecular Weight	42,938 Da
NCBI Official Full Name	cathepsin E preproprotein
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

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.