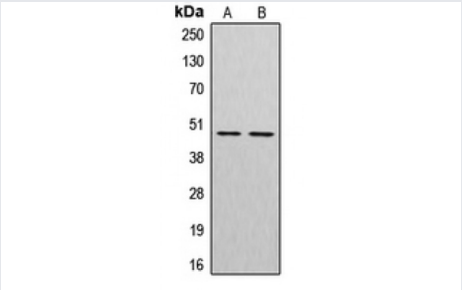
Cathepsin E (CTSE) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Cathepsin E (CTSE), Polyclonal Antibody
Full Product Name	Cathepsin E Antibody
Product Gene Name	anti-CTSE antibody
Product Synonym Names	Purified Polyclonal Cathepsin E Antibody; Polyclonal Cathepsin E antibody; Anti-Cathepsin E antibody; Cathepsin E antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Purity/Purification	Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of Cathepsin E protein
Preparation and Storage	Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles.
Immunogen	Cathepsin E antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cathepsin E as the immunogen
Product Categories/Family for anti-CTSE antibody	Proteases; Inhibitors; & Enzymes
Applications Tested/Suitable for anti-CTSE antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)
Application Notes for anti-CTSE antibody	WB: 1:500-1:1000 IHC: 1:100-1:200 IP: 1:10-1:100
Related Product Information for anti-CTSE antibody	Cathepsin E is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase A1 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.
Other Notes	Small volumes of anti-CTSE antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CTSE purchase	MBS5314239 is an antibody targeting CTSE. Also known as Cathepsin E Antibody. Host: Rabbit.



Western Blot (WB) of anti-CTSE antibody
Western blot analysis of Cathepsin E expression in HepG2 (A); HuvEc (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CTSE. It may not necessarily be applicable to this product.

NCBI GI #	181194
NCBI GeneID	1510
UniProt Related Accession #	P14091
NCBI Official Full Name	cathepsin E
NCBI Official Synonym Full Names	cathepsin E
NCBI Official Symbol	CTSE
NCBI Official Synonym Symbols	CATE
Protein Family	Cathepsin
NCBI Protein Information	cathepsin E
NCBI Summary for CTSE	This gene encodes a member of the A1 family of peptidases. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme, an aspartic endopeptidase, may be involved in antigen processing and the maturation of secretory proteins. Elevated expression of this gene has been observed in neurodegeneration. [provided by RefSeq, Nov 2015]
Research Articles on CTSE	**1.** Higher contents of cathepsin A, D, and E in the wall of the aortic aneurysms and a positive correlation between the concentration of cathepsin A and D and the width of the aneurysmal widening, suggests the participation of these enzymes in the pathogenesis of the aneurysm.
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