Cystatin B (CSTB) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Cystatin B (CSTB), Polyclonal Antibody
Full Product Name	Biotin-Linked Antibody to Cystatin B (CSTB)
Product Gene Name	anti-CSTB antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	500ug/ml (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against CSTB conjugated to biotin. It has been selected for its ability to recognize CSTB in immunohistochemical staining andwestern blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Matching Pairs	Biotin Conjugated Antibody: CSTB (MBS2006198) Immunogen: CSTB (MBS2012254)
Matching Pairs	Unconjugated Antibody: CSTB (MBS2006604) Biotin Conjugated Antibody: CSTB (MBS2006198)
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Product Categories/Family for anti-CSTB antibody	Biotin Antibody
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-CSTB antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-CSTB antibody	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Related Product Information for anti-CSTB antibody	MBS2006198 is an antibody targeting CSTB. Also known as Biotin-Linked Antibody to Cystatin B (CSTB). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CSTB 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.

ADDITIONAL DETAILS

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

NCBI GI #	7263012

NCBI Accession #	AAF44059.1
NCBI Official Full Name	cystatin B
Protein Family	Cystatin
UniProt Comments for CSTB	CSTB: This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B. Defects in CSTB are the cause of progressive myoclonic epilepsy type 1 (EPM1). EPM1 is an autosomal recessive disorder characterized by severe, stimulus-sensitive myoclonus and tonic-clonic seizures. The onset, occurring between 6 and 13 years of age, is characterized by convulsions. Myoclonus begins 1 to 5 years later. The twitchings occur predominantly in the proximal muscles of the extremities and are bilaterally symmetrical, although asynchronous. At first small, they become late in the clinical course so violent that the victim is thrown to the floor. Mental deterioration and eventually dementia develop. Belongs to the cystatin family. Protein type: Inhibitor Chromosomal Location of Human Ortholog: 21q22.3 Cellular Component: extracellular space; cytoplasm; nucleolus Molecular Function: protease binding; endopeptidase inhibitor activity; cysteine protease inhibitor activity Biological Process: regulation of apoptosis; negative regulation of proteolysis; adult locomotory behavior; negative regulation of peptidase activity Disease: Myoclonic Epilepsy Of Unverricht And Lundborg
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