Cathepsin H (CTSH) Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Cathepsin H (CTSH), Polyclonal Antibody
Full Product Name	Cathepsin H Polyclonal Antibody
Product Gene Name	anti-CTSH antibody
Clonality	Polyclonal
Molecular Weight	37,394 Da
OMIM	116820
3D Structure	ModBase 3D Structure for P09668
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-CTSH antibody	MBS8519056 is an antibody targeting CTSH. Also known as Cathepsin H Polyclonal Antibody.
Other Notes	Small volumes of anti-CTSH 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 CTSH. It may not necessarily be applicable to this product.

NCBI GI #	23110955
NCBI GeneID	1512
NCBI Accession #	NP_004381.2
UniProt Primary Accession #	P09668
UniProt Secondary Accession #	Q96NY6; Q9BUM7; B2RBK0
UniProt Related Accession #	P09668
GenBank Nucleotide #	NM_004390.4
NCBI Official Full Name	pro-cathepsin H isoform a preproprotein
NCBI Official Synonym Full Names	cathepsin H
NCBI Official Symbol	CTSH
NCBI Official Synonym Symbols	ACC4; ACC5; CPSB; ACC-4; ACC-5
UniProt Protein Name	Pro-cathepsin H
Protein Family	Pro-cathepsin
UniProt Gene Name	CTSH
UniProt Synonym Gene Names	CPSB
NCBI Protein Information	pro-cathepsin H

NCBI Summary for CTSH	The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of this gene has been correlated with malignant progression of prostate tumors. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
UniProt Comments for CTSH	Important for the overall degradation of proteins in lysosomes.
Research Articles on CTSH	**1.** the up-regulation of MMP genes is mediated through degradation of class IIa histone deacetylases (HDACs) by certain cysteine cathepsins (Cts).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/cathepsin-h/8519056