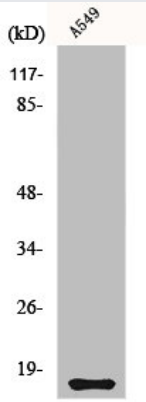
CST11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CST11, Polyclonal Antibody
Full Product Name	CST11 Antibody
Product Gene Name	anti-CST11 antibody
Product Synonym Names	CST11; CST8L; Cystatin-11
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	16,506 Da
Chromosome Location	Chromosome: 20; NC_000020.10 (23431041..23433482, complement). Location: 20p11.21
OMIM	609731
3D Structure	ModBase 3D Structure for Q9H112
Immunogen	Synthesized peptide derived from the C-terminal region of human Cystatin 11.
Immunogen Species	Human
Conjugate	Non-conjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CST11 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CST11 antibody	WB: 1:500-1:2000 ELISA: 1:40000
Related Product Information for anti-CST11 antibody	MBS7116206 is an antibody targeting CST11. Also known as CST11 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CST11 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.



Western Blot (WB) of anti-CST11 antibody
Western Blot analysis of A549 cells using Cystatin 11 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CST11. It may not necessarily be applicable to this product.

NCBI GI #	18644732
NCBI GeneID	140880
NCBI Accession #	NP_543020.2
UniProt Primary Accession #	Q9H112
UniProt Secondary Accession #	Q0VAF2; Q0VAF3; Q8WXU5; Q8WXU6; Q9H113
UniProt Related Accession #	Q9H112
GenBank Nucleotide #	NM_080830.2
NCBI Official Full Name	cystatin-11 isoform 2
NCBI Official Synonym Full Names	cystatin 11
NCBI Official Symbol	CST11
NCBI Official Synonym Symbols	SC13; CST8L; CTES2; dJ322G13.6
UniProt Protein Name	Cystatin-11
Protein Family	Cystatin
UniProt Gene Name	CST11
UniProt Synonym Gene Names	CST8L
UniProt Entry Name	CST11_HUMAN
NCBI Protein Information	cystatin-11; SC13delta; cystatin-related epididymal-specific protein
NCBI Summary for CST11	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes an epididymal-specific protein whose specific function has not been determined. Alternative splicing yields two variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

UniProt Comments for CST11	CST11: Has antibacterial activity against the Gram-negative bacteria E.coli. May play a role in sperm maturation and fertilization. Belongs to the cystatin family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 20p11.21 Cellular Component: cytoplasm; nucleus Molecular Function: cysteine protease inhibitor activity Biological Process: defense response to bacterium
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-human-antibody/cst11/7116206