Cystatin A (CSTA) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Cystatin A (CSTA), Polyclonal Antibody
Full Product Name	Biotin Linked Polyclonal Antibody to Cystatin A (CSTA)
Product Gene Name	anti-CSTA antibody
Product Synonym Names	CSTA/Cystatin A; CysA; STF1; STFA; Stefin A; CystatinAS
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Pig
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	>=0.5mg/mL (Please refer to the vial label for the specific concentration.) (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against CSTA. It has been selected for its ability to recognize CSTA in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: CSTA (MBS2139491) Biotin Conjugated Antibody: CSTA (MBS2129574)
Molecular Weight	11,650 Da
3D Structure	ModBase 3D Structure for Q28988
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Phe103
Conjugation	Biotin
Product Categories/Family for anti-CSTA antibody	Tumor immunity; Infection immunity; Pulmonology; Primary, Biotin labeled
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-CSTA antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-CSTA antibody	WB: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Related Product Information for anti-CSTA antibody	MBS2129574 is an antibody targeting CSTA. Also known as Biotin Linked Polyclonal Antibody to Cystatin A (CSTA). Reactive in Pig. Host: Rabbit.

Other Notes	Small volumes of anti-CSTA 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 CSTA. It may not necessarily be applicable to this product.

NCBI GI #	47523140
NCBI GeneID	396866
NCBI Accession #	NP_999024.1
UniProt Primary Accession #	Q28988
UniProt Related Accession #	Q28988
GenBank Nucleotide #	NM_213859.1
NCBI Official Full Name	cystatin-A1
NCBI Official Symbol	LOC396866
UniProt Protein Name	Cystatin-A1
UniProt Synonym Protein Names	Stefin-A1
Protein Family	Carbon starvation protein
NCBI Protein Information	cystatin-A1
UniProt Comments for CSTA	This is an intracellular thiol proteinase inhibitor.
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.
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