

Rabbit anti-Human CST3 Polyclonal Antibody | anti-CST3 antibody

CST3 antibody

CATALOG # AAA302730	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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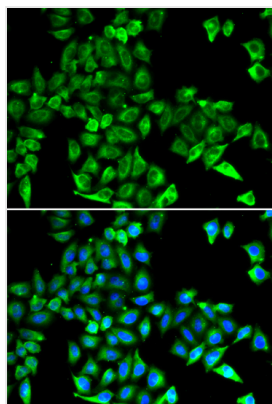
PRODUCT SYNONYMS

CST3; Polyclonal Antibody; CST3 antibody; ARMD11; MGC117328; anti-CST3 antibody

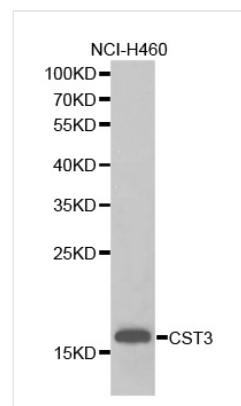
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CST3 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	146
Applicable Applications for anti-CST3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CST3.
Target Name	CST3
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using CST3 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of NCI-H460 cell lines, using CST3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CST3 antibody	Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors (1). Most cell types secrete Cystatin C (1). Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion (2). In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF- β 1 signaling (2,3). Cystatin C may also modulate antigen presentation through its ability to inhibit cathepsins (4). Cystatin C is also a biomarker for kidney dysfunction (5).
Product Categories/Family for anti-CST3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503107
NCBI GeneID	1471
NCBI Accession #	NP_000090.1
NCBI GenBank Nucleotide #	NM_000099.3
UniProt Accession #	P01034; Q6FGW9; B2R5J9; D3DW42
Molecular Weight	15,799 Da
NCBI Official Full Name	cystatin-C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	CST3
NCBI Official Synonym Symbols	ARMD11
NCBI Protein Information	cystatin-C
UniProt Protein Name	Cystatin-C
UniProt Gene Name	CST3
UniProt Entry Name	CYTC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.