

Rabbit anti-Human CST1 Polyclonal Antibody | anti-CST1 antibody

CST1 Polyclonal Antibody

CATALOG # AAA281000	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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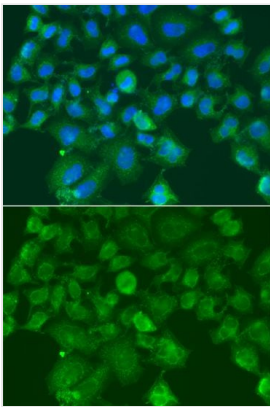
PRODUCT SYNONYMS

CST1; Polyclonal Antibody; CST1 Polyclonal Antibody; anti-CST1 antibody

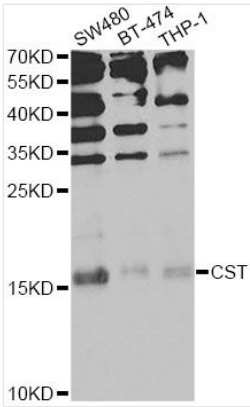
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	AWSPKEEDRI IPGGIYNADL NDEWVQRALH FAISEYNKAT KDDYYRRPLR VLRARQQTVG GVNYFFDVEV GRTICTKSQP NLDTCAFHEQ PELQKKQLCS FEIYVWPWEN RRSLVKSRCQ ES
Sequence Length	141
Applicable Applications for anti-CST1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human CST1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Secreted
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using CST1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CST1 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CST1 antibody	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, where they appear to provide protective functions. 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 a cysteine proteinase inhibitor found in saliva, tears, urine, and seminal fluid.
Product Categories/Family for anti-CST1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19882251
NCBI GeneID	1469
NCBI Accession #	NP_001889.2
NCBI GenBank Nucleotide #	NM_001898.2
UniProt Accession #	P01037 ; Q96LE6 ; Q9UCQ6
Molecular Weight	Calculated: 16kDa Observed: 16kDa
NCBI Official Full Name	cystatin-SN
NCBI Official Synonym Full Names	cystatin SN
NCBI Official Symbol	CST1
NCBI Protein Information	cystatin-SN
UniProt Protein Name	Cystatin-SN
UniProt Gene Name	CST1

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.

