

Rabbit anti-Human CST2 Polyclonal Antibody | anti-CST2 antibody

CST2 Antibody

CATALOG # AAA329191	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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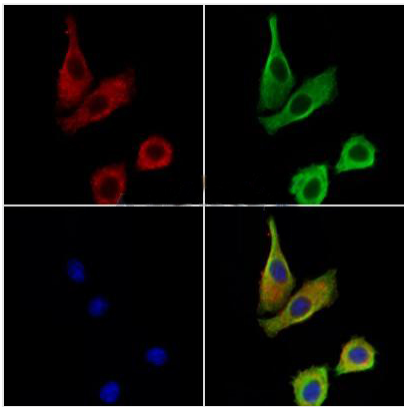
PRODUCT SYNONYMS

CST2; Polyclonal Antibody; CST2 Antibody; CST 2; Cystatin 2; Cystatin S5; Cystatin-2; Cystatin-S5; Cystatin-SA; Cysteine proteinase inhibitor; CYTT_HUMAN; MGC71924; Salivary cysteine (thiol) protease inhibitor; anti-CST2 antibody

PRODUCT SPECIFICATIONS

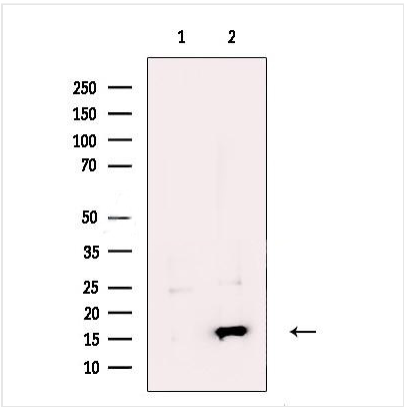
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CST2 Antibody detects endogenous levels of total CST2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	141
Applicable Applications for anti-CST2 antibody	ELISA
Immunogen	A synthesized peptide derived from human CST2, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329191 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329191 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Human Fetal skin, using CST2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CST2 antibody	Function: Thiol protease inhibitor.
	Subcellular Location: Secreted.
	Tissue Specificity: Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in submandibular gland and parotid gland.
	Similarity: Belongs to the cystatin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503105
NCBI GeneID	1470
NCBI Accession #	NP_001313.1
NCBI GenBank Nucleotide #	NP_001313.1
UniProt Accession #	P09228
Molecular Weight	Observed Molecular Weight: (Observed)16kD. Predicted Molecular Weight: (Calculated)16kDa.
NCBI Official Full Name	cystatin-SA
NCBI Official Synonym Full Names	cystatin SA
NCBI Official Symbol	CST2
NCBI Protein Information	cystatin-SA
UniProt Protein Name	Cystatin-SA
UniProt Gene Name	CST2
UniProt Entry Name	CYTT_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cst2-antibody-elisa/329191>