

Rabbit anti-Human, Rat CST6 Polyclonal Antibody | anti-CST6 antibody

CST6 Antibody

CATALOG # AAA327944	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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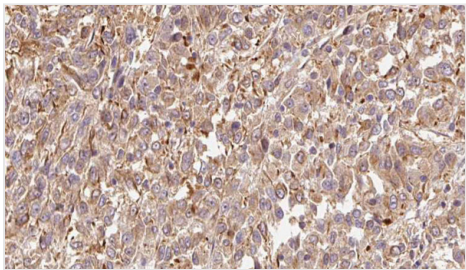
PRODUCT SYNONYMS

CST6; Polyclonal Antibody; CST6 Antibody; CST 6; Cystatin 6; Cystatin E; Cystatin E/M; Cystatin M; Cystatin M/E; Cystatin-6; Cystatin-E; Cystatin-M; Cystatin6; CystatinE; CystatinM; Cysteine proteinase inhibitor; CYTM_HUMAN; anti-CST6 antibody

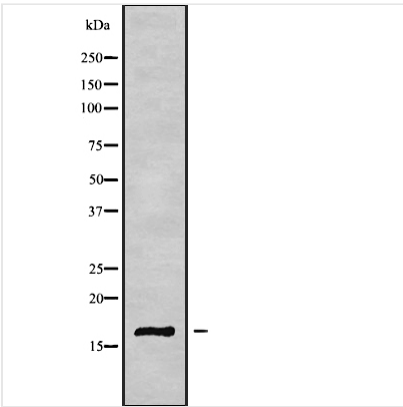
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CST6 antibody detects endogenous levels of total CST6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	149
Applicable Applications for anti-CST6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CST6
Subcellular Location	Secreted.
Tissue Specificity	Restricted to the stratum granulosum of normal skin, the stratum granulosum/spinosum of psoriatic skin, and the secretory coils of eccrine sweat glands. Low expression levels are found in the nasal cavity.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327944 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of CST6 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CST6 antibody	Function: Shows moderate inhibition of cathepsin B but is not active against cathepsin C. Post-translational Modifications: Substrate for transglutaminases. Acts as an acyl acceptor but not as an acyl donor. Similarity: Belongs to the cystatin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503113
NCBI GeneID	1474
NCBI Accession #	NP_001314.1
NCBI GenBank Nucleotide #	NM_001323.3
UniProt Accession #	Q15828; Q540N7
Molecular Weight	Observed: 17 kDa Predicted: 17 kDa
NCBI Official Full Name	cystatin-M
NCBI Official Synonym Full Names	cystatin E/M
NCBI Official Symbol	CST6
NCBI Protein Information	cystatin-M
UniProt Protein Name	Cystatin-M
UniProt Gene Name	CST6

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/cst6-antibody-immunohistochemistry-western-blot-elisa/327944>