

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

CSTA Antibody (C-term)

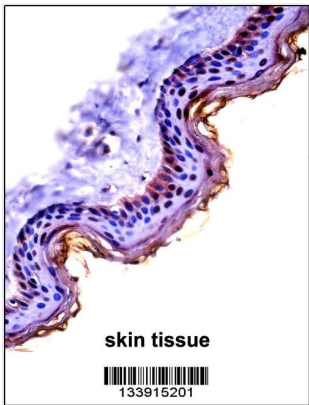
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289102	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

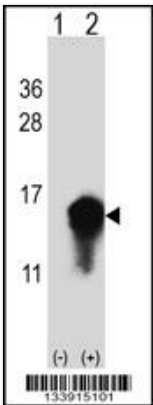
CSTA; Polyclonal Antibody; CSTA Antibody (C-term); Cystatin-A; Cystatin-AS; Stefin-A; N-terminally processed; STF1; STFA; anti-CSTA antibody

PRODUCT SPECIFICATIONS

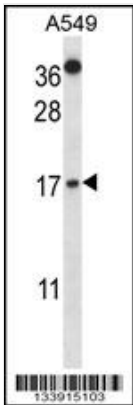
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSTA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-98 amino acids from the C-terminal region of human CSTA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	69-98
Sequence Length	98
Applicable Applications for anti-CSTA antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
CSTA Antibody (C-term) (AAA289102)immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CSTA Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CSTA (arrow) using rabbit polyclonal CSTA Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CSTA gene.



WB (Western Blot)
CSTA Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the CSTA antibody detected the CSTA protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CSTA 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 kininogens. This gene encodes a stefin that functions as a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. The protein is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Stefins have been proposed as prognostic and tools for cancer.
Product Categories/Family for anti-CSTA antibody	Cancer; Cell Biology; Neuroscience; Signal Transduction
References	O'Seaghdha, C.M., et al. Hum. Mol. Genet. 19(21):4296-4303(2010) Kestenbaum, B., et al. J. Am. Soc. Nephrol. 21(7):1223-1232(2010) Takai, T., et al. J. Immunol. 183(12):7958-7965(2009) Vasilopoulos, Y., et al. Eur. J. Hum. Genet. 16(8):1002-1009(2008) Parker, B.S., et al. J. Pathol. 214(3):337-346(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885165
NCBI GeneID	1475
NCBI Accession #	NP_005204.1
NCBI GenBank Nucleotide #	NM_005213.3
UniProt Accession #	P01040; Q6IB90
Molecular Weight	11006
NCBI Official Full Name	cystatin-A
NCBI Official Synonym Full Names	cystatin A (stefin A)
NCBI Official Symbol	CSTA
NCBI Official Synonym Symbols	AREI; STF1; STFA
NCBI Protein Information	cystatin-A
UniProt Protein Name	Cystatin-A
UniProt Gene Name	CSTA
UniProt Synonym Gene Names	STF1; STFA
UniProt Entry Name	CYTA_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://www.aaabiotech.com/polyclonal/csta-antibody-immunohistochemistry-western-blot-elisa/289102>