

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

Anti-Cystatin A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45657	Rabbit	Human	Immunohistochemistry, Western Blot

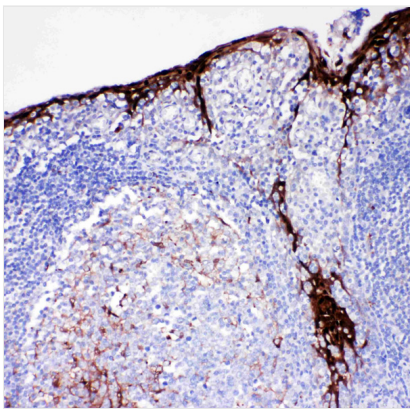
PRODUCT SYNONYMS

Cystatin A; Polyclonal Antibody; Anti-Cystatin A antibody; Cystatin-A; cystatin A(stefin A); AREI antibody; CSTA antibody; CSTA protein antibody; Cystatin A antibody; Cystatin AS antibody; Cystatin-A antibody; Cystatin-AS antibody; CystatinA antibody; CYTA_HUMAN antibody; Stefin A antibody; Stefin A1 antibody; Stefin-A antibody; StefinA antibody; STF 1 antibody; STF1 antibody; STFA antibody; anti-CSTA antibody

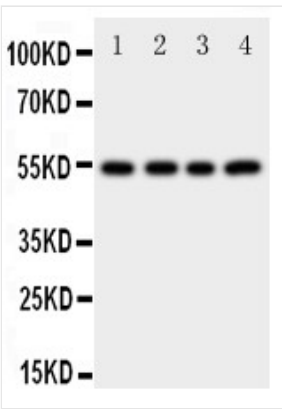
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	98
Applicable Applications for anti-CSTA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cystatin A (77-90aa NEDLVLTGYQVDKN).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Cystatin A antibody, AAA45657, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-Cystatin A antibody, AAA45657, Western blottingRecombinant Protein Detection Source: E.coli derived -recombinant Human CSTA, 45.0KD(M1-F98+unrelated protein,311aa)Lane 1: Recombinant Human CSTA Protein 10ngLane 2: Recombinant Human CSTA Protein 5ngLane 3: Recombinant Human CSTA Protein 2.5ngLane 4: Recombinant Human CSTA Protein 1.25ng

ADDITIONAL INFORMATION

Related Product Information for anti-CSTA antibody

Description: Rabbit IgG polyclonal antibody for Cystatin-A(CSTA) detection. Tested with WB, IHC-P in Human.
Background: Cystatin A also called Stefin A is a protein that in humans is encoded by the CSTA gene. Cystatin A is a cysteine proteinase inhibitor that belongs to family 1 of the cystatin superfamily. This gene was assigned to human chromosome 3q21.1. This is an intracellular thiol proteinase inhibitor. Cystatin A plays an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis. Stefins have been proposed as prognostic tools for cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118177
NCBI GeneID	1475
UniProt Accession #	P01040; Q6IB90
Molecular Weight	11,006 Da
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; cystatin AS
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.