

Rabbit anti-Human Cystatin-B Polyclonal Antibody | anti-CSTB antibody

Rabbit anti-human Cystatin-B polyclonal Antibody

CATALOG # AAA230397	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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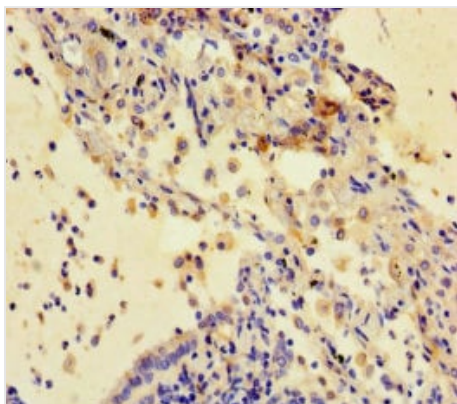
PRODUCT SYNONYMS

Cystatin-B; Polyclonal Antibody; Rabbit anti-human Cystatin-B polyclonal Antibody; CST6; STFB; CSTB; CPI-B; Liver thiol proteinase inhibitor Stefin-B; anti-CSTB antibody

PRODUCT SPECIFICATIONS

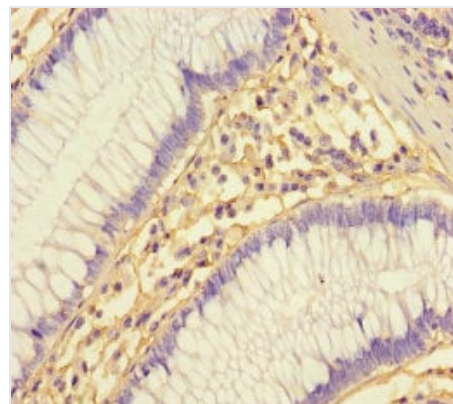
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	98
Applicable Applications for anti-CSTB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Cystatin-B protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-33274 / sc-66853
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



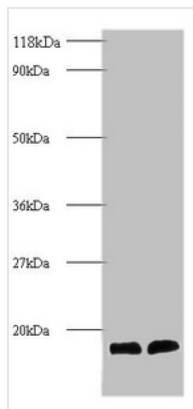
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA230397 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA230397 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Cystatin-B antibody at 2ug/mlLane 1: EC109 whole cell lysateLane 2: 293T whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 10 kDaObserved band size: 10 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CSTB antibody	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis 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 an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins I, h and b. The protein is thought to play a role in protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in this gene are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1).
Product Categories/Family for anti-CSTB antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503117
NCBI GeneID	1476
NCBI Accession #	NP_000091.1
NCBI GenBank Nucleotide #	NM_000100.3
UniProt Accession #	P04080
Molecular Weight	11,140 Da
NCBI Official Full Name	cystatin-B
NCBI Official Synonym Full Names	cystatin B
NCBI Official Symbol	CSTB
NCBI Official Synonym Symbols	PME; ULD; CST6; EPM1; STFB; EPM1A
NCBI Protein Information	cystatin-B
UniProt Protein Name	Cystatin-B
UniProt Gene Name	CSTB
UniProt Synonym Gene Names	CST6; STFB
UniProt Entry Name	CYTB_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/cystatin-b-antibody-immunohistochemistry-western-blot-elisa/230397>