

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

Anti-Stefin B antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45690	Rabbit	Human	Immunohistochemistry, Western Blot

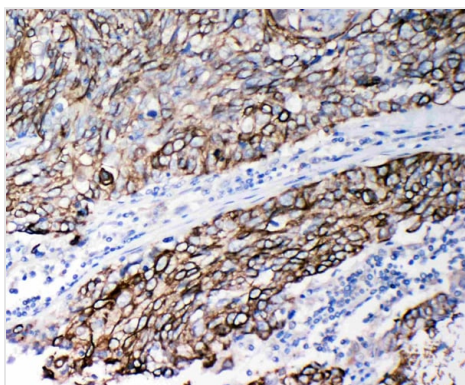
PRODUCT SYNONYMS

Stefin B; Polyclonal Antibody; Anti-Stefin B antibody; Cystatin-B; cystatin B(stefin B); CHROW21 antibody; CPI B antibody; CPI-B antibody; CST6 antibody; CSTB antibody; Cystatin B antibody; Cystatin-B antibody; CYTB antibody; CYTB_HUMAN antibody; EPM1 antibody; EPM1A antibody; Liver thiol proteinase inhibitor antibody; PME antibody; Stefin-B antibody; STFB antibody; ULD antibody; anti-CSTB antibody

PRODUCT SPECIFICATIONS

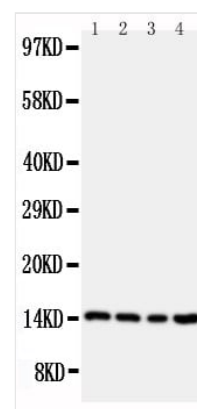
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	98
Applicable Applications for anti-CSTB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Stefin B (26-45aa QLEEKENKKFPVFKAVSFKS).
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-Stefin B antibody, AAA45690, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti-Stefin B antibody, AAA45690, Western blottingLane 1: A549 Cell LysateLane 2: A431 Cell LysateLane 3: COLO320 Cell LysateLane 4: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CSTB antibody	Description: Rabbit IgG polyclonal antibody for Cystatin-B(CSTB) detection. Tested with WB, IHC-P in Human. Background: Cystatin B(CSTB),also called STFB, is a small protein that is a member of the superfamily of cysteine protease inhibitors. It has been isolated from human spleen and liver and its amino acid sequence has been fully determined. The cystatin B gene is located on 21q22.3. It is widely distributed and is localized mostly intracellularly, but has been found extracellularly. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins I, h and b. Its role is though to be as a protector against the proteinases leaking from lysosomes. A cystatin B multiprotein complex might have a specific cerebellar function, and that the loss of this function might contribute to the etiopathogenesis of EPM1. Upon differentiation to myotubes, CSTB becomes excluded from the nucleus and lysosomes, suggesting that the subcellular distribution of CSTB is dependent on the differentiation status of the cell.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1706278
NCBI GeneID	1476
UniProt Accession #	P04080
Molecular Weight	11,140 Da
NCBI Official Full Name	Cystatin-B
NCBI Official Synonym Full Names	cystatin B (stefin B)
NCBI Official Symbol	CSTB
NCBI Official Synonym Symbols	PME; ULD; CST6; EPM1; STFB; EPM1A
NCBI Protein Information	cystatin-B; CPI-B; liver thiol proteinase inhibitor
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.