

Rabbit anti-Human Calpastatin Polyclonal Antibody | anti-CAST antibody

Rabbit anti-human Calpastatin polyclonal Antibody

CATALOG # AAA229674	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Calpastatin; Polyclonal Antibody; Rabbit anti-human Calpastatin polyclonal Antibody; Calpain inhibitor Sperm BS-17 component CAST; anti-CAST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	750
Applicable Applications for anti-CAST antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Calpastatin 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-7560 / sc-20779
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 kidney using AAA229674 at dilution of 1:10



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA229674 at dilution of 1:10



WB (Western Blot)

Western blotAll lanes: Calpastatin antibody at 10ug/mlLane 1: K562 whole cell lysateLane 2: Hela whole cell lysateLane 3: A549 whole cell lysateLane 4: HepG-2 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 77,76,64,72,82,85,83,75,81 kDaObserved band size: 77 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CAST antibody	Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue.
Product Categories/Family for anti-CAST antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	109637759
NCBI GeneID	831
NCBI Accession #	NP_001035905.1
NCBI GenBank Nucleotide #	NM_001042440.3
UniProt Accession #	P20810; O95360; Q05DE8; Q7Z4K0; Q96D08; Q9H1Z5; B7Z468; G5E946; G5E9D3
Molecular Weight	82,437 Da
NCBI Official Full Name	calpastatin isoform f
NCBI Official Synonym Full Names	calpastatin
NCBI Official Symbol	CAST
NCBI Official Synonym Symbols	BS-17; PLACK
NCBI Protein Information	calpastatin
UniProt Protein Name	Calpastatin
UniProt Gene Name	CAST
UniProt Entry Name	ICAL_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/calpastatin-antibody-immunohistochemistry-western-blot-elisa/229674>