Rabbit anti-Human Calpain-1 catalytic subunit Polyclonal Antibody | anti-CAPN1 antibody

Rabbit anti-human Calpain-1 catalytic subunit polyclonal Antibody(CAPN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118305	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Calpain-1 catalytic subunit; Polyclonal Antibody; Rabbit anti-human Calpain-1 catalytic subunit polyclonal Antibody(CAPN1); Calcium-activated neutral proteinase 1; CANP 1; Calpain mu-type; Calpain-1 large subunit; Cell proliferation-inducing gene 30 protein; Micromolar-calpain; muCANP; CAPN1; CANPL1; PIG30; anti-CAPN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	714
Applicable Applications for anti-CAPN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Calpain-1 catalytic subunit protein(20-330aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7531 / sc-31066 / sc-31065 / sc-7530 / sc-13990
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human lung using AAA118305 at dilution 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human heart using AAA118305 at dilution 1:100

WB (Western Blot)
All lanes: Calpain-1 catalytic subunit antibody at 2ug/mlLane 1:A431 whole cell lysateLane 2:Hela whole cell lysateLane 3:Jurkat whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 82kDaObserved band size: 82kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CAPN1 antibody	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.

NCBI AND UNIPROT INFORMATION

NCBI GI #	311893363
NCBI GeneID	823
NCBI Accession #	NP_001185797.1
NCBI GenBank Nucleotide #	NM_001198868.1
UniProt Accession #	P07384; Q2TTR0; Q6DHV4
Molecular Weight	81,890 Da
NCBI Official Full Name	calpain-1 catalytic subunit
NCBI Official Synonym Full Names	calpain 1
NCBI Official Symbol	CAPN1
NCBI Official Synonym Symbols	CANP; muCL; CANP1; CANPL1; muCANP
NCBI Protein Information	calpain-1 catalytic subunit
UniProt Protein Name	Calpain-1 catalytic subunit
UniProt Gene Name	**CAPN1**
UniProt Synonym Gene Names	CANPL1; CANP 1; muCANP
UniProt Entry Name	CAN1_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/calpain-1-catalytic-subunit-antibody-immunohistochemistry-western-blot-elisa/118305