

Rabbit Calpain 1 Polyclonal Antibody | anti-CAPN1 antibody

Rabbit anti-Calpain 1 Antibody

CATALOG # AAA221972	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CAPN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Calpain 1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Calpain 1 staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Calpain 1 expression in A549 (A), MCF7 (B), Jurkat (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CAPN1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119594774
NCBI GeneID	823
UniProt Accession #	P07384; O35350; P97571

Molecular Weight	81,890 Da
NCBI Official Full Name	calpain 1, (mu/l) large subunit, isoform CRA_c
NCBI Official Synonym Full Names	calpain 1, (mu/l) large subunit
NCBI Official Symbol	CAPN1
NCBI Official Synonym Symbols	CANP; muCL; CANP1; CANPL1; muCANP
NCBI Protein Information	calpain-1 catalytic subunit; CANP 1; calpain mu-type; micromolar-calpain; calpain-1 large subunit; calpain, large polypeptide L1; calcium-activated neutral proteinase 1; cell proliferation-inducing protein 30; cell proliferation-inducing gene 30 protein
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-antibody-immunohistochemistry-western-blot-elisa/221972>