

Rabbit Calpain 1, Large Subunit (CAPN1) Polyclonal Antibody | anti-CAPN1 antibody

Polyclonal Antibody to Calpain 1, Large Subunit (CAPN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131109	Rabbit	Mouse, Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

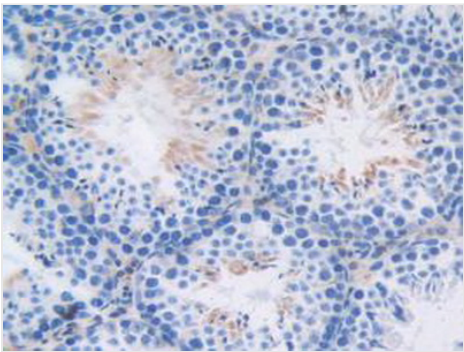
PRODUCT SYNONYMS

Calpain 1; Large Subunit (CAPN1); Polyclonal Antibody; Polyclonal Antibody to Calpain 1; anti-CAPN1 antibody

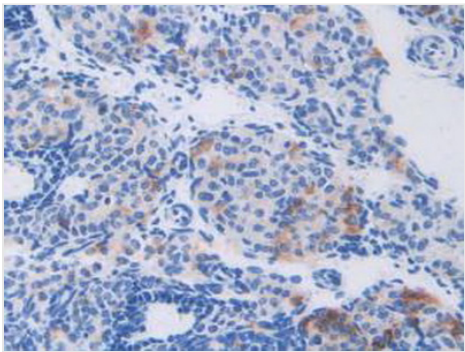
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CAPN1. It has been selected for its ability to recognize CAPN1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	0.42mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE FYPATFWVN PQFKIRLEEV DDADDYDNRE SGCSFLLALM QKHRRRRRRF GRDMETIGFA VYQVPRELAG QPVHLKRDFE LANASRAQSE HFNLREVSN RIRLPPGEYI VVPSTFEPNK EGDFLRRFFS EKKAGTQELD DQIQANLPDE KVLSEEEIDD NFKTLFSKLA GDDMEISVKE LQTILNRIIS KHKDLRTNGF SLESCRSVMN LMDRDGNGKL GLVEFNILWN RIRNYLTIFR KFDLDKSGSM SAYEMRMAIE AAGFKLNKKL HELIITRYSE PDLAVDFDNF VCCLVRLETM FRFFKLLDTD
Sequence Length	704
Applicable Applications for anti-CAPN1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CAPN1 (Tyr387~Asp694) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

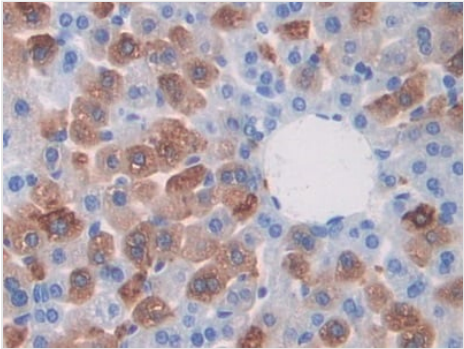
IMAGES



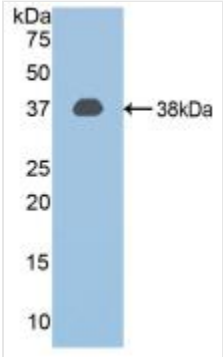
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Testis Tissue.



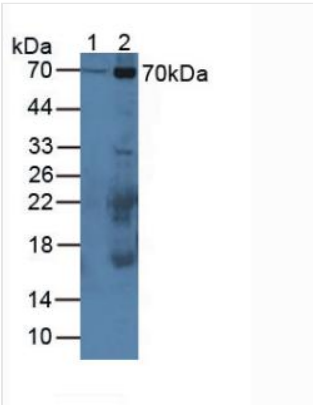
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Ovary Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Liver Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant CAPN1, Mouse.



WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Serum; Lane2: Mouse Placenta Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	160333229
NCBI GeneID	12333
NCBI Accession #	NP_001103974.1
NCBI GenBank Nucleotide #	NM_001110504.1
UniProt Accession #	O35350; O88666
Molecular Weight	82,106 Da
NCBI Official Full Name	calpain-1 catalytic subunit

NCBI Official Synonym Full Names	calpain 1
NCBI Official Symbol	Capn1
NCBI Official Synonym Symbols	Capa1; Capa-1; mu-calpin
NCBI Protein Information	calpain-1 catalytic subunit
UniProt Protein Name	Calpain-1 catalytic subunit
UniProt Gene Name	Capn1
UniProt Synonym Gene Names	muCANP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/calpain-1-large-subunit-capn1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131109>