

Product Name: Calpain 1 (19K17) Rabbit Monoclonal Antibody
Catalog #: AMRe07863



Summary

Production Name	Calpain 1 (19K17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	CAPN1
Alternative Names	Calpain-1 catalytic subunit; CANP; CANP small subunit; CANPL1; CAPN1; Micromolar Calpain; Mu Calpain; muCANP;
Gene ID	823.0
SwissProt ID	P07384.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	82kDa

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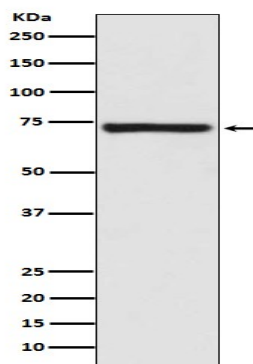


Background

Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction (PubMed: [21531719](http://www.uniprot.org/citations/21531719), PubMed: [2400579](http://www.uniprot.org/citations/2400579)). Proteolytically cleaves CTBP1 at 'Asn-375', 'Gly-387' and 'His-409' (PubMed: [23707407](http://www.uniprot.org/citations/23707407)).

Research Area

Image Data



Western blot analysis of Calpain 1 expression in Human fetal kidney lysate.

Note

For research use only.