

Product Name: Calpain 2 (309) Rabbit Monoclonal Antibody
Catalog #: AMRe07867



Summary

Production Name	Calpain 2 (309) 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	CAPN2
Alternative Names	CALP80; Calpain M type; Calpain-2 large subunit; Calpain2; CANP2; CANPL2; CANPml; Capa2; CAPN2; M calpain; mCANP; Millimolar calpain;
Gene ID	824.0
SwissProt ID	P17655.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	80kDa

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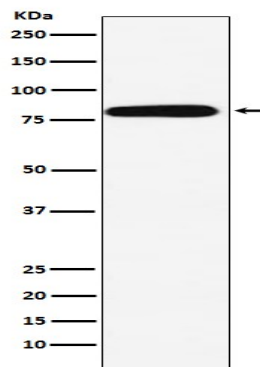


Background

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. Proteolytically cleaves MYOC at 'Arg-226' (PubMed:17650508). Proteolytically cleaves CPEB3 following neuronal stimulation which abolishes CPEB3 translational repressor activity, leading to translation of CPEB3 target mRNAs (By similarity).

Research Area

Image Data



Western blot analysis of Calpain 2 expression in A431 cell lysate.

Note

For research use only.