

Product Name: Calpain 11 Rabbit Polyclonal Antibody
Catalog #: APRab07865



Summary

Production Name	Calpain 11 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CAPN11
Alternative Names	CAPN11; Calpain-11; Calcium-activated neutral proteinase 11; CANP 11
Gene ID	11131.0
SwissProt ID	Q9UMQ6.The antiserum was produced against synthesized peptide derived from human CAPN11. AA range:401-450

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:5000.
Molecular Weight	81kD

Background

Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this

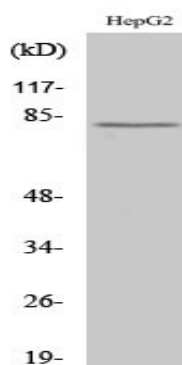
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superfamily. They consist of a variable 80 kDa subunit and an invariant 30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis. [provided by RefSeq, Dec 2008], catalytic activity: Broad endopeptidase specificity, function: Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction, similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain, similarity: Contains 2 EF-hand domains, subunit: Heterodimer of a large (catalytic) and a small (regulatory) subunit, tissue specificity: Highest expression in testis.

Research Area

Image Data



Western Blot analysis of various cells using Calpain 11 Polyclonal Antibody

Note

For research use only.