

Product Name: Calpain 12 Rabbit Polyclonal Antibody
Catalog #: APRab07866



Summary

Production Name	Calpain 12 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
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	CAPN12
Alternative Names	CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12
Gene ID	147968.0
SwissProt ID	Q6ZSI9.The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Molecular Weight	80kD

Background

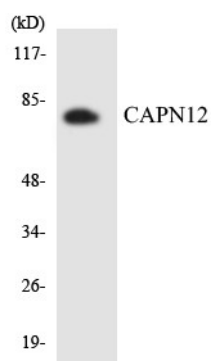
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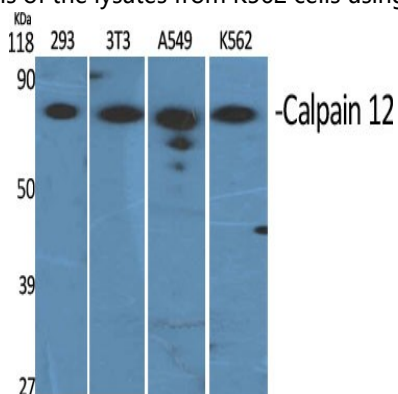
The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large subunit family. [provided by RefSeq, Jun 2012],catalytic activity:Broad endopeptidase specificity,.,function:Calcium-regulated non-lysosomal thiol-protease,.,similarity:Belongs to the peptidase C2 family,.,similarity:Contains 1 calpain catalytic domain,.,similarity:Contains 1 EF-hand domain,.

Research Area

Image Data

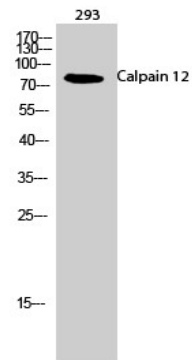


Western blot analysis of the lysates from K562 cells using CAPN12 antibody.



Western Blot analysis of various cells using Calpain 12 Polyclonal Antibody

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Western Blot analysis of 293 cells using Calpain 12 Polyclonal Antibody

Note

For research use only.