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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:10000
Molecular Weight	80kDa

Antigen Information

Gene Name	CAPN12
Alternative Names	CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12
Gene ID	147968.0
SwissProt ID	Q6ZSI9
Immunogen	The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270

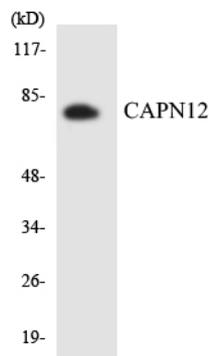
Background

The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains

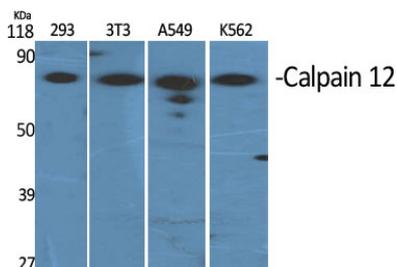
include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large subunit family. [provided by RefSeq, Jun 2012],catalytic 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

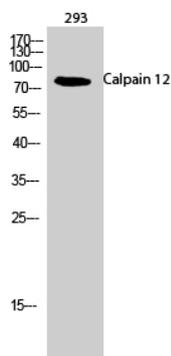
Image Data



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



Western Blot analysis of various cells using Calpain 12 Polyclonal Antibody



Western Blot analysis of 293 cells using Calpain 12 Polyclonal Antibody