Immunoway
Best Tools for immunology Research

Calpain 12 Polyclonal Antibody

Catalog No :	YT0616
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Calpain 12
Gene Name :	CAPN12
Protein Name :	Calpain-12
Human Gene Id :	147968
Human Swiss Prot No :	Q6ZSI9
Mouse Swiss Prot No :	Q9ER56
Immunogen :	The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270
Specificity :	Calpain 12 Polyclonal Antibody detects endogenous levels of Calpain 12 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	80kD

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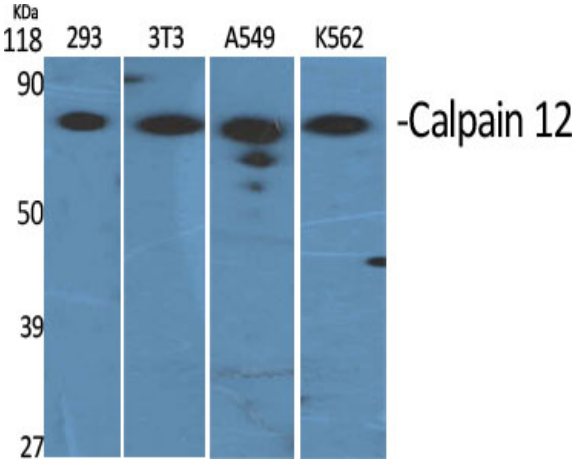
Background : The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large subunit family. [provided by RefSeq, Jun 2012],

Function : 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.,

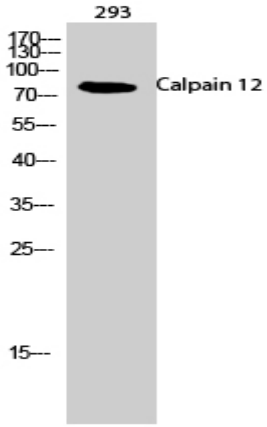
Subcellular Location : intracellular,cytoplasm,

Expression : Thalamus,

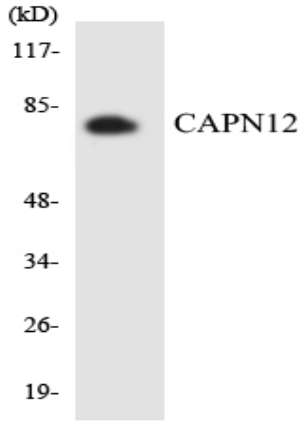
Products Images



Western Blot analysis of various cells using Calpain 12 Polyclonal Antibody



Western Blot analysis of 293 cells using Calpain 12 Polyclonal Antibody



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