



# Calpain 12 Polyclonal Antibody

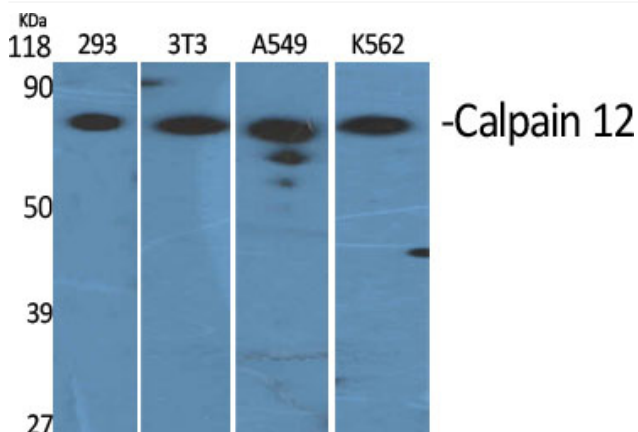
<b>Catalog No</b>	YP-Ab-02522
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CAPN12
<b>Protein Name</b>	Calpain-12
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270
<b>Specificity</b>	Calpain 12 Polyclonal Antibody detects endogenous levels of Calpain 12 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12
<b>Observed Band</b>	80kD
<b>Cell Pathway</b>	intracellular,cytoplasm,
<b>Tissue Specificity</b>	Thalamus,
<b>Function</b>	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.,
<b>Background</b>	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],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



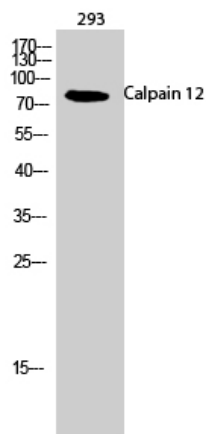
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

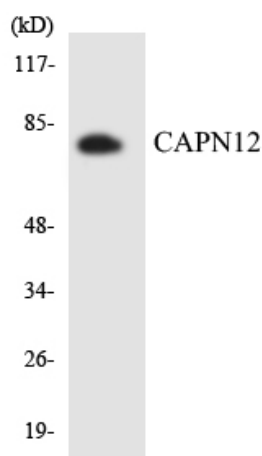
## Products Images



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.