



# Calpain 12 Monoclonal Antibody

<b>Catalog No</b>	BYmab-02522
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<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 Monoclonal 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>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<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],

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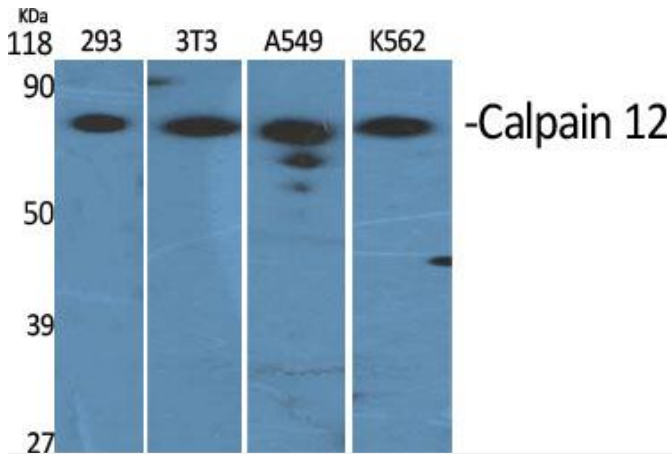
**matters needing attention**

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 Monoclonal Antibody