



CAN7 Monoclonal Antibody

Catalog No	YP-mAb-05414
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CAPN7 PALBH
Protein Name	Calpain-7 (EC 3.4.22.-) (PalB homolog) (PalBH)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CAN7 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	89kD
Cell Pathway	Nucleus.
Tissue Specificity	Ubiquitous.
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.,tissue specificity:Ubiquitous.,
Background	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activity. [provided by RefSeq, Jul 2008],

**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