



CAN13 Monoclonal Antibody

Catalog No	YP-mAb-05411
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CAPN13
Protein Name	Calpain-13 (EC 3.4.22.-) (Calcium-activated neutral proteinase 13) (CANP 13)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CAN13 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	73kD
Cell Pathway	intracellular,cytoplasm,
Tissue Specificity	Weakly expressed in lung and testis. Weakly or not expressed in other tissues.
Function	caution:It is unlikely that this protein binds calcium as none of the 2 EF-hand domains seem to contain a canonical calcium-binding site.,function:Probable non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 2 EF-hand domains.,tissue specificity:Weakly expressed in lung and testis. Weakly or not expressed in other tissues.,
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],
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