



# CAN13 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05411
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CAPN13
<b>Protein Name</b>	Calpain-13 (EC 3.4.22.-) (Calcium-activated neutral proteinase 13) (CANP 13)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	CAN13 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 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>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	73kD
<b>Cell Pathway</b>	intracellular,cytoplasm,
<b>Tissue Specificity</b>	Weakly expressed in lung and testis. Weakly or not expressed in other tissues.
<b>Function</b>	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.,
<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**