



CAN6 Polyclonal Antibody

Catalog No	BYab-05413
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	CAPN6 CALPM CANPX
Protein Name	Calpain-6 (Calpain-like protease X-linked) (Calpamodulin) (CalpM)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CAN6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	70kD
Cell Pathway	Cytoplasm, perinuclear region . Cytoplasm, cytoskeleton, spindle . During mitose associated with the mitotic spindle. At telophase colocalized to the midbody spindle.
Tissue Specificity	Expressed only in placenta.
Function	function:Not known; does not seem to have protease activity as it has lost the active site residues.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 C2 domain.,similarity:Contains 1 calpain catalytic domain.,tissue specificity:Expressed only in placenta.,
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 protein encoded by this gene

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is highly expressed in the placenta. Its C-terminal region lacks any homology to the calmodulin-like domain of other calpains. The protein lacks critical active site residues and thus is suggested to be proteolytically inactive. The protein may play a role in tumor formation by inhibiting apoptosis and promoting angiogenesis. [provided by RefSeq, Nov 2009],

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