



CPNE6 Mouse mAb

Catalog No	YP-mAb-19452
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	CPNE6
Immunogen	Synthesized peptide derived from human CPNE6. AA range:160-260
Specificity	This antibody detects endogenous levels of CPNE6 at Human, Mouse,Rat
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	CPNE6;Copine-6 (Copine VI) (Neuronal-copine) (N-copine)
Observed Band	
Calculated Molecular Weight	61kD
Cell Pathway	Cytoplasm . Cell membrane . Endosome . Cytoplasmic vesicle , clathrin-coated vesicle . Perikaryon . Cell projection , dendrite . Mainly cytoplasmic in absence of calcium. Associated predominantly with membranes in presence of calcium. Translocates to the cell membrane in a calcium-dependent manner. Colocalized with transferrin in intracellular clathrin-coated membrane vesicles in a calcium-dependent manner. .
Tissue Specificity	Widely expressed in the brain (PubMed:9645480 , PubMed:10403379 , PubMed:12949241) . Expressed weakly in the kidney , liver and fetal heart (PubMed:12949241) . Expressed in melanocytes (PubMed:23999003) .
Function	Calcium-dependent phospholipid-binding protein that plays a role in calcium-mediated intracellular processes. Binds phospholipid membranes in a calcium-dependent manner (By similarity) . Plays a role in dendrite formation by melanocytes .
Background	
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