



# CPNE1 Mouse mAb

Catalog No	YP-mAb-18739
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	CPNE1 CPN1
Protein Name	Copine-1 (Copine I)
Immunogen	Synthesized peptide derived from human CPNE1
Specificity	This antibody detects endogenous levels of CPNE1 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
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	-20°C/1 year
Synonyms	
Observed Band	59kD
Cell Pathway	Nucleus . Cytoplasm . Cell membrane . Translocates to the cell membrane in a calcium-dependent manner (PubMed:21087455, PubMed:25450385). .
Tissue Specificity	Expressed in neutrophils (at protein level) (PubMed:12949241). Widely expressed. Expressed in the brain. Expressed in neutrophil precursors from bone marrow and peripheral blood (PubMed:12949241).
Function	Calcium-dependent phospholipid-binding protein that plays a role in calcium-mediated intracellular processes . Involved in the TNF-alpha receptor signaling pathway in a calcium-dependent manner . Exhibits calcium-dependent phospholipid binding properties . Plays a role in neuronal progenitor cell differentiation; induces neurite outgrowth via a AKT-dependent signaling cascade and calcium-independent manner . May recruit target proteins to the cell membrane in a calcium-dependent manner . May function in membrane trafficking . Involved in TNF-alpha-induced NF-kappa-B transcriptional repression by inducing endoprotease processing of the transcription factor NF-kappa-B p65/RELA subunit . Also induces endoprotease processing of NF-kappa-B p50/NFKB1, p52/NFKB2, RELB and REL .
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**