



CPNE3 Mouse mAb

Catalog No	YP-mAb-19007
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	CPNE3 CPN3 KIAA0636
Protein Name	Copine-3 (Copine III)
Immunogen	Synthesized peptide derived from human CPNE3
Specificity	This antibody detects endogenous levels of CPNE3 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	59kD
Cell Pathway	Nucleus . Cytoplasm . Cell membrane . Cell junction . Cell junction, focal adhesion . Associates to the membrane in a calcium-dependent manner (PubMed:20010870). Translocates to the cell membrane and the nucleus in a calcium- or growth factor heregulin-dependent manner (PubMed:21087455, PubMed:20010870). Colocalizes with the tyrosine phosphorylated ERBB2 form at cell membrane and focal adhesions in a calcium- or growth factor heregulin-dependent manner (PubMed:20010870). .
Tissue Specificity	Expressed in breast and weakly in prostate and ovarian tissues (PubMed:20010870). Expressed in neutrophils (at protein level) (PubMed:12949241). Widely expressed (PubMed:11041869). Expressed in the brain. Expressed in neutrophil precursors from the bone marrow and peripheral blood (PubMed:12949241). Expressed in primary breast tumors and ovarian endometrioid adenocarcinoma (PubMed:20010870).
Function	Calcium-dependent phospholipid-binding protein that plays a role in ERBB2-mediated tumor cell migration in response to growth factor heregulin stimulation .



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