



CPNE3 Mouse mAb

Catalog No	YP-mAb-19007
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CPNE3 CPN3 KIAA0636
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	CPN3;PRO1071;CPNE3;CPNE3 CPN3 KIAA0636;Copine-3 (Copine III)
Observed Band	60kDa
Calculated Molecular Weight	60kDa
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