



CAPRIN1 mouse mAb

Catalog No	YP-mAb-18033
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CAPRIN1 GPIAP1 GPIP137 M11S1 RNG105
Immunogen	Synthesized peptide derived from human CAPRIN1
Specificity	This antibody detects endogenous levels of CAPRIN1 at Human, Mouse,Rat
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	caprin 1;Caprin-1;Cell cycle-associated protein 1;Cytoplasmic activation- and proliferation-associated protein 1;GPI-anchored membrane protein 1;CAPRIN1; CAPRIN1 GPIAP1 GPIP137 M11S1 RNG105;Caprin-1 (Cell cycle-associated protein 1) (Cytoplasmic activation- and proliferation-associated protein 1) (GPI-anchored membrane protein 1) (GPI-anchored protein p137) (GPI-p137) (p137GPI)
Observed Band	116 kDa
Calculated Molecular Weight	78 kDa
Cell Pathway	Cytoplasm, cytosol . Cell projection, dendrite . Cell projection, lamellipodium . Associated with RNA granules. At the leading edge of migrating fibroblasts, colocalizes with DDX3X (PubMed:28733330). .
Tissue Specificity	Ubiquitous.
Function	May regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types. Binds directly and selectively to MYC and CCND2 RNAs. In neuronal cells, directly binds to several mRNAs associated with RNA granules, including BDNF, CAMK2A, CREB1, MAP2, NTRK2 mRNAs, as well as to GRIN1 and KPNB1 mRNAs, but not to rRNAs.



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