

CAPRIN1 rabbit pAb

Catalog No :	YN5742
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	CAPRIN1
Gene Name :	CAPRIN1 GPIAP1 GPIP137 M11S1 RNG105
Protein Name :	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) (Membrane
Human Gene Id :	4076
Human Swiss Prot No :	Q14444
Mouse Gene Id :	53872
Mouse Swiss Prot No :	Q60865
Rat Gene Id :	362173
Rat Swiss Prot No :	Q5M9G3
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 :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 78kD**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.**Subcellular Location :** Cytoplasm, cytosol . Cell projection, dendrite . Cell projection, lamellipodium . Associated with RNA granules. At the leading edge of migrating fibroblasts, colocalizes with DDX3X (PubMed:28733330). .**Expression :** Ubiquitous.

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