



RIM1 Mouse mAb

Catalog No	YP-mAb-18750
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	RIMS1 KIAA0340 RAB3IP2 RIM1 Nbla00761
Protein Name	Regulating synaptic membrane exocytosis protein 1 (Rab-3-interacting molecule 1) (RIM 1) (Rab-3-interacting protein 2)
Immunogen	Synthesized peptide derived from human RIM1
Specificity	This antibody detects endogenous levels of RIM1 at Human, Mouse,Rat
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	186kD
Cell Pathway	Cell membrane ; Peripheral membrane protein . Cell junction, synapse . Cell junction, synapse, presynaptic cell membrane ; Peripheral membrane protein .
Tissue Specificity	Expressed in melanocytes (PubMed:23999003). Detected in brain and retina (PubMed:23999003).
Function	Rab effector involved in exocytosis (By similarity). May act as scaffold protein that regulates neurotransmitter release at the active zone. Essential for maintaining normal probability of neurotransmitter release and for regulating release during short-term synaptic plasticity (By similarity). Plays a role in dendrite formation by melanocytes .
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.



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