

RIM1 Rabbit pAb

CatalogNo: YN6377

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 186kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human RIM1

Specificity This antibody detects endogenous levels of RIM1 at Human, Mouse, Rat

Target Information

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)		
	Organism	Gene ID	UniProt ID
	Human	22999 ;	Q86UR5 ;
	Mouse	116837 ;	Q99NE5 ;
	Rat	84556 ;	Q9JIR4 ;
Cellular Localization	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 .		

| Validation Data

| Contact information

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