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anti-Regulating Synaptic Membrane Exocytosis 1 (RIMS1) (AA 1039-1054), (Intracellular) antibody



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1 Image

Overview	
Quantity:	25 μL
Target:	Regulating Synaptic Membrane Exocytosis 1 (RIMS1)
Binding Specificity:	AA 1039-1054, Intracellular
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)RAKRGRSAESLHMTSE, corresponding to amino acid residues 1039-
	1054 of rat RIM1
Isotype:	IgG
Characteristics:	Anti-RIM1 Antibody is directed against an epitope of rat RIM1. Anti-RIM1 Antibody
	(ABIN7043597, ABIN7044528 and ABIN7044529)) can be used in western blot analysis. It has
	been designed to recognize RIM1 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.
Target Details	
Target:	Regulating Synaptic Membrane Exocytosis 1 (RIMS1)
Alternative Name:	RIM1 (RIMS1 Products)

Target Details

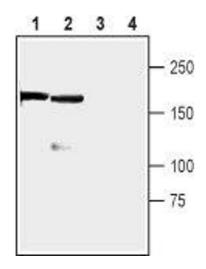
Background:	Alternative names: RIM1, Regulating synaptic membrane exocytosis 1, Rab-3-interacting molecule 1, RIMS1
Gene ID:	84556
NCBI Accession:	NM_014989
UniProt:	Q9JIR4
Pathways:	Synaptic Membrane, Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport, Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Lyophilized
$25~\mu\text{L}, 50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
0.85 mg/mL
Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
RT,4 °C,-20 °C
Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-RIM1 Antibody (ABIN7043597, ABIN7044528 and ABIN7044529), (1:200).3,4. Anti-RIM1 Antibody, preincubated with RIM1 Blocking Peptide (#BLP-IP014).