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Datasheet for ABIN7453183

anti-Regulating Synaptic Membrane Exocytosis 1 (RIMS1) (AA 975-1025) antibody

Overview

Quantity:	100 µg
Target:	Regulating Synaptic Membrane Exocytosis 1 (RIMS1)
Binding Specificity:	AA 975-1025
Reactivity:	Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-RIMS1/RIM1 Antibody, Affinity Purified
Immunogen:	Between AA 975 and 1025
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

Target Details

Target:	Regulating Synaptic Membrane Exocytosis 1 (RIMS1)
Alternative Name:	RIMS1/RIM1 (RIMS1 Products)
Background:	Background: RIMS1 is a Rab effector involved in exocytosis (By similarity). It may act as

Target Details

scaffold protein that regulates neurotransmitter release at the active zone. RIMS1 is essential for maintaining normal probability of neurotransmitter release and for regulating release during short-term synaptic plasticity (By similarity) [taken from the Universal Protein Resource (UniProt) Q86UR5].

Gene ID: 22999

UniProt: [Q86UR5](#)

Pathways: [Synaptic Membrane](#), [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#), [Regulation of long-term Neuronal Synaptic Plasticity](#)

Application Details

Application Notes: IP: Not recommended
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months