Datasheet for ABIN1408706

anti-RIMS4 antibody (AA 1-100) (HRP)

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Overview

Quantity:	100 µL
Target:	RIMS4
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIMS4 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RIMS4
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RIMS4
Alternative Name:	RIMS4 (RIMS4 Products)
Background:	Synonyms: C20orf190, dJ781B1.3, Rab3-interacting molecule 4, regulating synaptic membrane

Target Details

	exocytosis 4, Regulating synaptic membrane exocytosis protein 4, RIM 4, RIM4 gamma, Rims4, RIMS4_HUMAN. Background: Rim4 (Rab 3 interacting molecule 4), also known as Rim4 or regulating synaptic membrane exocytosis protein 4, is a 269 amino acid protein that localizes to the cell junction and regulates synaptic membrane exocytosis.Rab 3, a neural/neuroendocrine-specific member of the Rab family, is involved in Ca2+-regulated exocytosis. Rab 3 functions in an inhibitory capacity by controlling the recruitment of secretory vesicles into a releasable pool at the plasma membrane. Rim (Rab 3 interacting molecule), a putative effector protein for Rab 3 proteins, is thought to regulate neutrotransmitter release through its interaction with Rab 3 and other synaptic proteins.
Gene ID:	140730
Pathways:	Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date:	12 months