



[Go to Product page](#)

Datasheet for ABIN1408704  
**anti-RIMS4 antibody (AA 1-100) (Cy7)**

### Overview

Quantity:	100 µL
Target:	RIMS4
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIMS4 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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 ( <a href="#">RIMS4 Products</a> )
Background:	Synonyms: C20orf190, dJ781B1.3, Rab3-interacting molecule 4, regulating synaptic membrane

## Target Details

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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 Ca<sup>2+</sup>-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 neurotransmitter release through its interaction with Rab 3 and other synaptic proteins.

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Gene ID: 140730

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Pathways: [Synaptic Vesicle Exocytosis](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months