

Datasheet for ABIN1742308
anti-RIMS2 antibody (AA 461-987)**2** Images**13** Publications[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	RIMS2
Binding Specificity:	AA 461-987
Reactivity:	Rat, Mouse, Zebrafish (Danio rerio), Chicken, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein (aa 461-987) of rat RIM 2 containing part of PDZ domain.
Specificity:	RIM 2 including splice variants
Cross-Reactivity (Details):	cross reactivity to RIM 1.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	RIMS2
Alternative Name:	RIM 2 (RIMS2 Products)
Pathways:	Hormone Transport , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB: 1 : 100 up to 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 200 up to 1 : 500 IHC: 1 : 1000
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Comment:	This antibody works with paraformaldehyde and methanol fixation.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
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Buffer:	PBS
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Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
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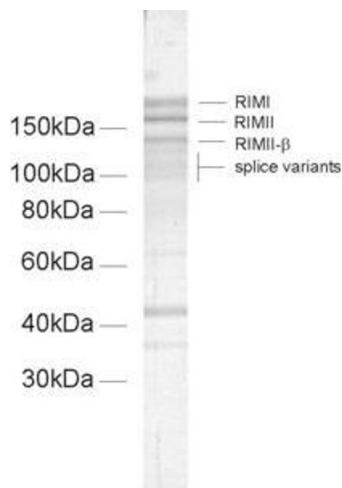
Storage:	-20 °C
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Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!
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Publications

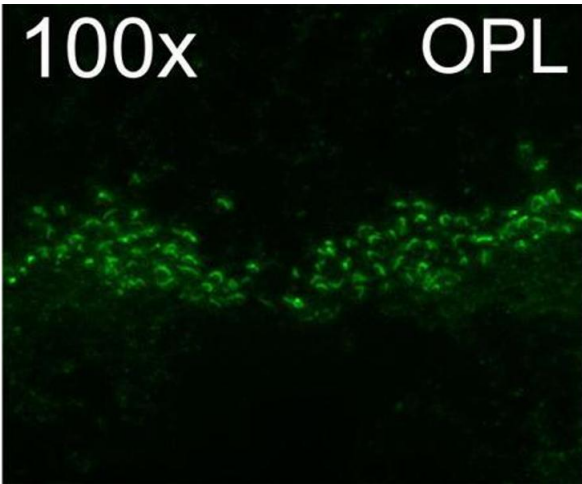
Product cited in:	Yeo, Ting, Brena, Koh, Chen, Toh, Lim, Oh, Lee: "Genome-Wide Transcriptome and Binding Sites Analyses Identify Early FOX Expressions for Enhancing Cardiomyogenesis Efficiency of hESC Cultures." in: Scientific reports , Vol. 6, pp. 31068, (2016) (PubMed).
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There are more publications referencing this product on: [Product page](#)



Western Blotting

Image 1. dilution: 1 : 100, sample: crude synaptic membranes fraction of rat brain (LP1)



Immunohistochemistry

Image 2. Indirect immunostaining of ribbon synapses in the outer plexiform layer of PFA mouse retina (dilution 1 : 1000).