

Datasheet for ABIN1742306

**anti-Regulating Synaptic Membrane Exocytosis 1 (RIMS1) (AA 207-366) antibody**[Go to Product page](#)**2** Images**1** Publication

## Overview

Quantity:	50 µg
Target:	Regulating Synaptic Membrane Exocytosis 1 (RIMS1)
Binding Specificity:	AA 207-366
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein (aa 207-366) of rat RIM 1, a stretch of divergent aa connecting the Rab binding motif and the PDZ domain.
Specificity:	Specific for RIM 1
Cross-Reactivity (Details):	no cross reactivity to RIM 2.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

## Target Details

Target:	Regulating Synaptic Membrane Exocytosis 1 (RIMS1)
Alternative Name:	RIM 1 ( <a href="#">RIMS1 Products</a> )
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Synaptic Vesicle Exocytosis</a> , <a href="#">Dicarboxylic Acid Transport</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

## Application Details

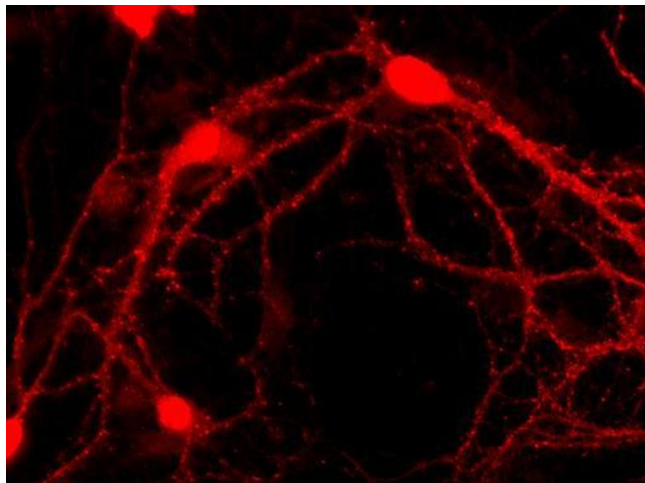
Application Notes:	WB: not recommended IP: not tested yet ICC: 1 : 500 up to 1 : 1000 IHC: 1 : 500
Comment:	WB: Antibody 3 is recommended.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H <sub>2</sub> O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
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.
Storage:	-20 °C
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!

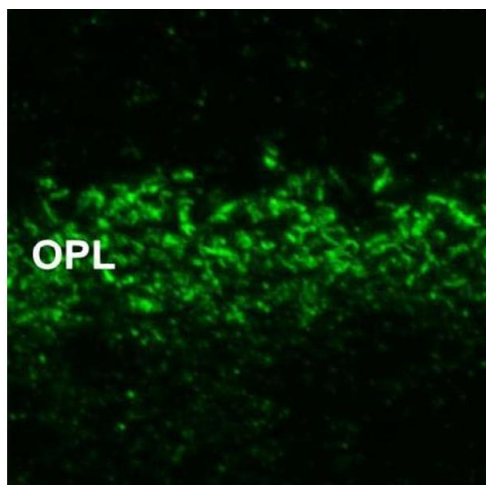
## Publications

Product cited in:	McLinden, Kaufman, Xiang, Chang, Klinzman, Engel, Hess, Schmidt, Houghton, Stapleton: "Characterization of an immunodominant antigenic site on GB virus C glycoprotein E2 that is involved in cell binding." in: <b>Journal of virology</b> , Vol. 80, Issue 24, pp. 12131-40, (2006) ( <a href="#">PubMed</a> ).
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#### Immunocytochemistry

**Image 1.** Indirect immunostaining on hippocampus neurons (dilution 1 : 500).



#### Immunohistochemistry

**Image 2.** Indirect immunostaining of ribbon synapses in the outer plexiform layer of unfixed mouse retina (dilution 1 : 500).