

Product datasheet

Anti-RIMS3 antibody ab67307

[3 Images](#)

Overview

Product name	Anti-RIMS3 antibody
Description	Rabbit polyclonal to RIMS3
Host species	Rabbit
Specificity	ab67307 is predicted to have no cross-reactivity to other Rim proteins.
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	A 17 amino acid synthetic peptide from near the amino terminus of human RIMS3 (GenBank accession no. NP_055562).
Positive control	Human brain tissue lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab67307 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 40 kDa (predicted molecular weight: 33 kDa).
ICC/IF		Use a concentration of 20 µg/ml.
IHC-P		Use at an assay dependent concentration.

Target

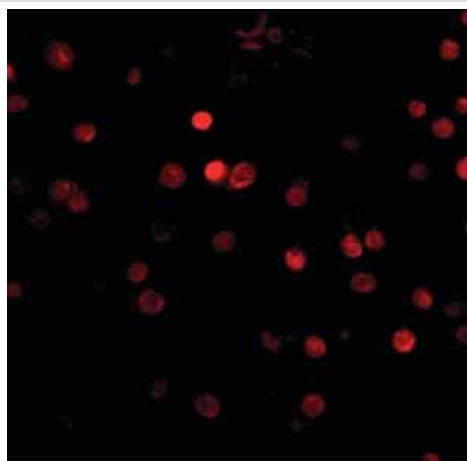
Relevance

RIMS3 belongs to a family of synaptic proteins that are essential for normal neurotransmitter release. It localizes primarily to neuronal dendrites and the postsynaptic densities, indicating that it may contribute to synapse transmission and plasticity.

Cellular localization

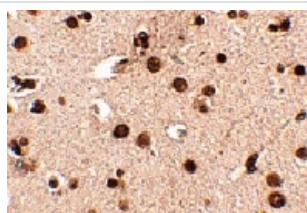
Cell junction, synapse.

Images



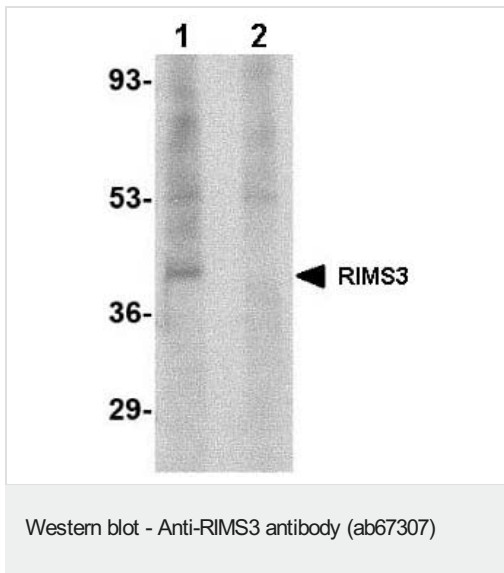
Immunofluorescence of RIMS3 in Human brain tissue with ab67307 at 5 µg/mL.

Immunocytochemistry/ Immunofluorescence - Anti-RIMS3 antibody (ab67307)



Immunohistochemistry of Human brain tissue using ab67307 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RIMS3 antibody (ab67307)



All lanes : Anti-RIMS3 antibody (ab67307) at 1 µg/ml

Lane 1 : Human brain tissue lysate with no immunising peptide

Lane 2 : Human brain tissue lysate with immunising peptide

Lysates/proteins at 15 µg per lane.

Predicted band size: 33 kDa

Observed band size: 40 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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