

Anti-RIM2 RIMS2 Antibody

Catalog Number: A09915

About RIMS2

Rab3-interacting molecules (RIMs) are synaptic proteins necessary for neuronal transmission and plasticity. RIM1 and RIM2 proteins are expressed in overlapping but distinct patterns throughout the brain. While the ablation of either gene was not lethal in mice, the deletion of both resulted in postnatal mortality. This lethality is due to a defect in neurotransmitter release; synapses without RIM proteins can still release neurotransmitters but are unable to do so in response to normal Ca²⁺ triggers. Like RIM1, RIM2 is thought to be an effector protein for Rab3, binding to Rab3 on synaptic vesicles in a GTP-dependent manner.

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Overview

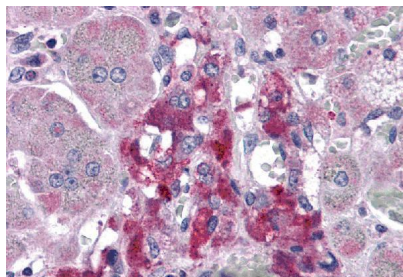
Product Name	Anti-RIM2 RIMS2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RIM2 RIMS2 Antibody (Catalog # A09915). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	RIM2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RIM2 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9UQ26

Technical Details

Immunogen	RIM2 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human RIM2. The immunogen is located within amino acids 30 - 80 of RIM2.
Predicted Reactive Species	Mouse, Rat
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	RIM2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RIM2 antibody can be used for detection of RIM2 by immunohistochemistry at 5 ug/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-RIM2 RIMS2 Antibody (A09915) Images



Immunohistochemistry of RIM2 in human adrenal gland tissue with RIM2 antibody at 5 ug/mL.

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For Research Use Only. Not for use in diagnostic procedures.