

For Research Use Only

RIMBP2 Polyclonal antibody

Catalog Number: 15716-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 15716-1-AP	GenBank Accession Number: BC007632	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 23504	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	Full Name: RIMS binding protein 2	
Isotype: IgG	Calculated MW: 116 kDa	
Immunogen Catalog Number: AG8390	Observed MW: 120-150 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IHC : mouse brain tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

The presynaptic active zone mediates synaptic vesicle exocytosis at a synapse. RIM proteins are active zone scaffolding molecules that—among others—mediate vesicle priming and directly or indirectly interact with most other essential presynaptic proteins. RIMBP2 encodes RIMS-binding protein 2 belonging to RIMBP family. RIMBP2 is supposed to be localized at cell membrane especially synaptic plasma membrane. By interacting with RIMS1, RIMS2, CACNA1D and CACNA1B via the SH3 domains, RIMBP2 mediates synaptic transmission as bifunctional linker.

Notable Publications

Author	Pubmed ID	Journal	Application
Fushun Fan	28673385	Elife	WB
Kunli Zhao	36803984	Elife	WB

Storage

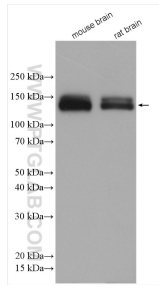
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

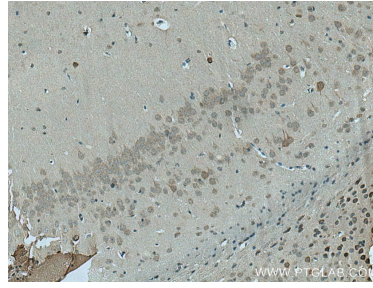
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15716-1-AP (RIMBP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15716-1-AP (RIMBP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).