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Anti-RIMS4 Antibody

Catalog # AP60709

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9H426
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29329

Additional Information

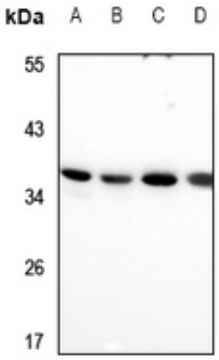
Gene ID	140730
Other Names	C20orf190; Regulating synaptic membrane exocytosis protein 4; RIM4 gamma; Rab3-interacting molecule 4; RIM 4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RIMS4. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

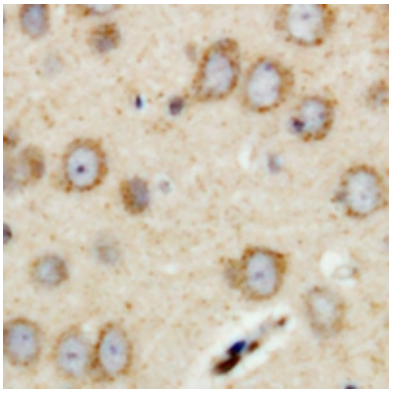
Protein Information

Name	RIMS4
Synonyms	C20orf190
Function	Regulates synaptic membrane exocytosis.
Cellular Location	Synapse.

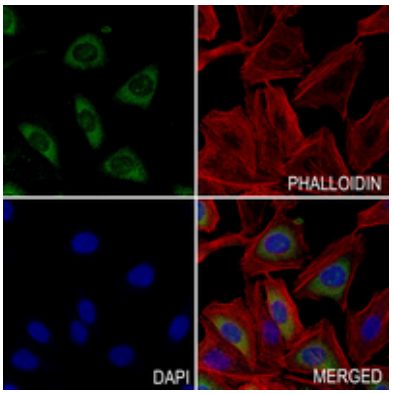
Images

Western blot analysis of RIMS4 expression in BV2 (A), PMVEC (B), A549 (C), LOVO (D) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 36 kD)

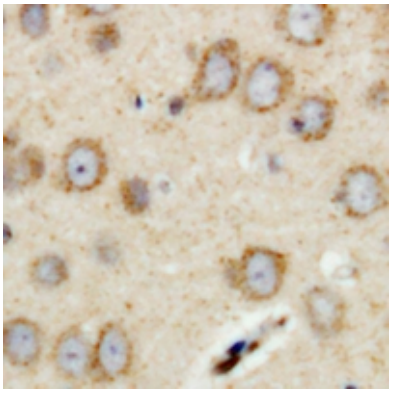




Immunohistochemical analysis of RIMS4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of RIMS4 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.