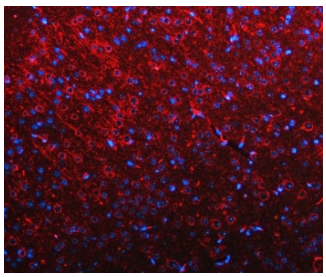
RIMS-binding protein 2 Antibody / RIMBP2 (RQ7851)

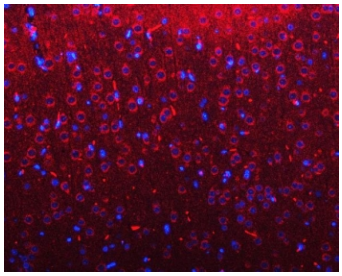
Catalog No.	Formulation	Size
RQ7851	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15034
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This RIMS-binding protein 2 antibody is available for research use only.



Immunofluorescent staining of FFPE mouse brain tissue with RIMS-binding protein 2 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



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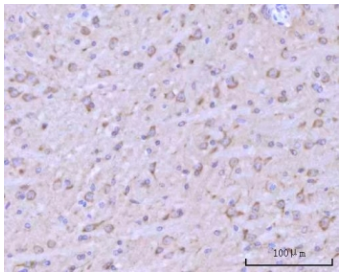
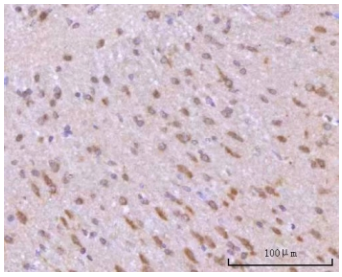


IHC staining of FFPE mouse brain tissue with RIMS-binding protein 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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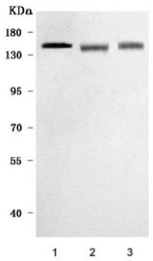
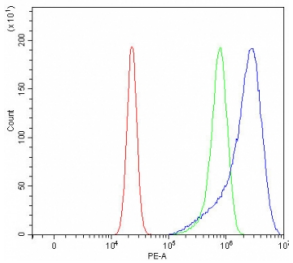


Western blot testing of 1) human SH-SY5Y, 2) rat brain and 3) mouse brain tissue lysate with RIMS-binding protein 2 antibody. Predicted molecular weight ~116 kDa.



Flow cytometry testing of human U-2 OS cells with RIMS-binding protein 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RIMS-binding protein 2 antibody.

Description

RIMS binding protein 2 is a protein that in humans is encoded by the RIMBP2 gene. Predicted to be involved in neuromuscular synaptic transmission. Predicted to be located in plasma membrane and synapse. Predicted to be active in presynaptic active zone cytoplasmic component.

Application Notes

Optimal dilution of the RIMS-binding protein 2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids K351-H1049) was used as the immunogen for the RIMS-binding protein 2 antibody.

Storage

After reconstitution, the RIMS-binding protein 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.