

For Research Use Only

# RAB5A Recombinant antibody

Catalog Number: 83949-4-RR



## Basic Information

Catalog Number:

83949-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2549

GenBank Accession Number:

BC001267

GeneID (NCBI):

5868

UNIPROT ID:

P20339

Full Name:

RAB5A, member RAS oncogene family

Calculated MW:

215 aa, 24 kDa

Observed MW:

24 kDa

Purification Method:

Protein A purification

CloneNo.:

241041D7

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

## Background Information

RAB5A belongs to the small GTPase superfamily and Rab family. It is required for the fusion of plasma membranes and early endosomes. The antibody is specific to RAB5A. It has no cross reaction to RAB5B or RAB5C.

## 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

For technical support and original validation data for this product please contact:

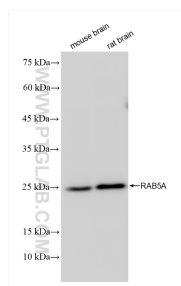
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

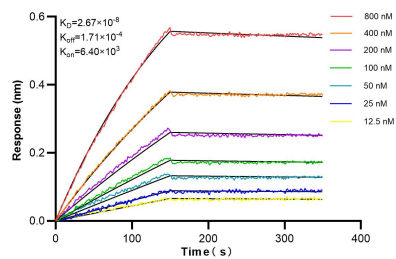
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83949-4-RR (RAB5A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83949-4-RR against Human RAB5A were performed. The affinity constant is 26.7 nM.