

For Research Use Only

# RAB5A Recombinant antibody, PBS Only

Catalog Number: 83949-4-PBS



## Basic Information

<b>Catalog Number:</b> 83949-4-PBS	<b>GenBank Accession Number:</b> BC001267	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5868	<b>CloneNo.:</b> 241041D7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P20339	
<b>Isotype:</b> IgG	<b>Full Name:</b> RAB5A, member RAS oncogene family	
<b>Immunogen Catalog Number:</b> AG2549	<b>Calculated MW:</b> 215 aa, 24 kDa	
	<b>Observed MW:</b> 24 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## 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 -80°C.

**Storage Buffer:**  
PBS Only

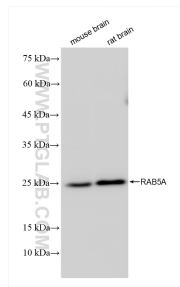
For technical support and original validation data for this product please contact:

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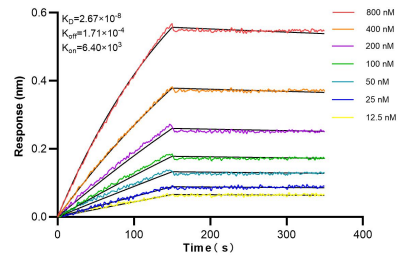
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## Selected Validation Data



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. This data was developed using the same antibody clone with 83949-4-PBS in a different storage buffer formulation.



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