

For Research Use Only

# GAPVD1 Recombinant antibody

Catalog Number: 84343-3-RR



## Basic Information

<b>Catalog Number:</b> 84343-3-RR	<b>GenBank Accession Number:</b> BC021119	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26130	<b>CloneNo.:</b> 241609F12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14C86	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> GTPase activating protein and VPS9 domains 1	
<b>Immunogen Catalog Number:</b> AG10492	<b>Calculated MW:</b> 1478 aa, 165 kDa	
	<b>Observed MW:</b> 200-210 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse heart tissue, rat heart tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

GTPase activating protein and VPS9 domains 1(GAPVD1) is a multifunctional protein involved in cellular processes such as endocytosis, insulin receptor internalization, and GLUT4 trafficking. Its function is critical in maintaining cellular homeostasis and it interacts with various proteins, including those involved in endocytosis and circadian rhythm regulation.

## 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

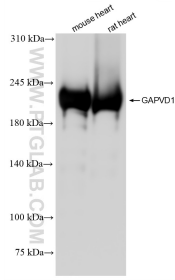
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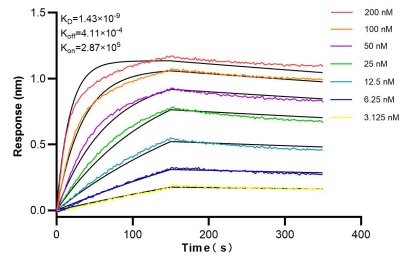
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84343-3-RR (GAPVD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84343-3-RR against Human GAPVD1 were performed. The affinity constant is 1.43 nM.