

For Research Use Only

# GARNL1 Recombinant antibody, PBS Only

Catalog Number: 82971-1-PBS

Featured Product



## Basic Information

<b>Catalog Number:</b> 82971-1-PBS	<b>GenBank Accession Number:</b> NM_014990.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 253959	<b>CloneNo.:</b> 230165F11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6GYQ0	
<b>Isotype:</b> IgG	<b>Full Name:</b> GTPase activating Rap/RanGAP domain-like 1	
<b>Immunogen Catalog Number:</b> AG31518	<b>Calculated MW:</b> 230KD	
	<b>Observed MW:</b> 260 kDa	

## Applications

**Tested Applications:**  
WB, FC (Intra), Indirect ELISA

**Species Specificity:**  
human

## Background Information

GARNL1/RaIGAP $\alpha$ 1, a major  $\alpha$  subunit of the RaI-GTPase activating protein in skeletal muscle, is a protein whose phosphorylation and binding to the regulatory 14-3-3 proteins is stimulated by insulin and also by muscle contraction (PMID:24768767).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

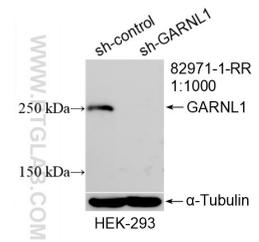
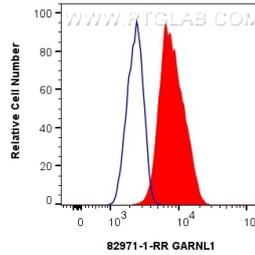
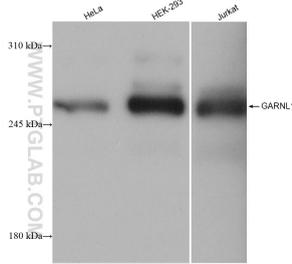
For technical support and original validation data for this product please contact:

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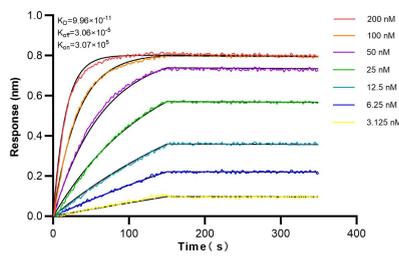
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82971-1-RR (GARNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82971-1-PBS in a different storage buffer formulation.

$1 \times 10^6$  U2OS cells were intracellularly stained with 0.25 ug GARNL1 Recombinant antibody (82971-1-RR, Clone:230165F11) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82971-1-PBS in a different storage buffer formulation.

WB result of GARNL1 antibody (82971-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GARNL1 transfected HEK-293 cells. This data was developed using the same antibody clone with 82971-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82971-1-RR against Human GARNL1 were performed. The affinity constant is 99.6 pM.