

For Research Use Only

# GARNL1 Recombinant antibody, PBS Only

Catalog Number: 82971-1-PBS

Featured Product



## Basic Information

Catalog Number:

82971-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31518

GenBank Accession Number:

NM\_014990.3

GeneID (NCBI):

253959

UNIPROT ID:

Q6GYQ0

Full Name:

GTPase activating Rap/RanGAP domain-like 1

Calculated MW:

230KD

Observed MW:

260 kDa

Purification Method:

Protein A purification

CloneNo.:

230165F11

## Applications

Tested Applications:

WB, FC (Intra), Indirect ELISA

Species Specificity:

human

## Background Information

GARNL1/RaGAP $\alpha$ 1, a major  $\alpha$  subunit of the RaL-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

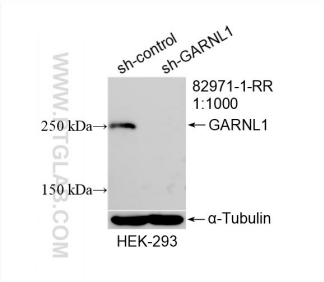
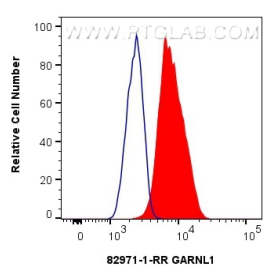
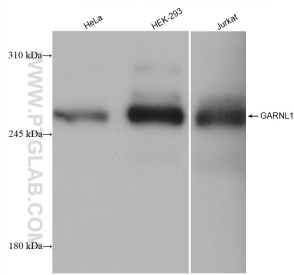
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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Selected Validation Data

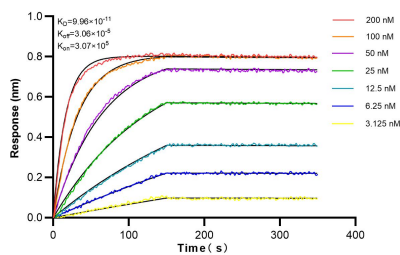


Various lysates were subjected to SDS PAGE followed by western blot with 82971-1-RR (GARNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82971-1-PBS in a different storage buffer formulation.

1x10<sup>6</sup> 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.