

For Research Use Only

GARNL1 Recombinant antibody, PBS Only

Catalog Number: 82971-1-PBS

Featured Product



Basic Information

Catalog Number:

82971-1-PBS

Size:

1mg/ml

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 α 1, a major α 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 .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

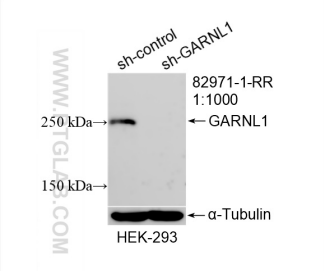
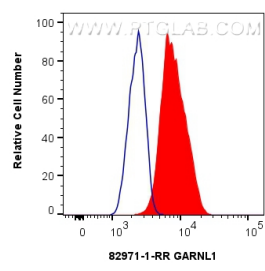
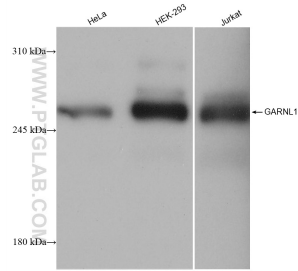
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

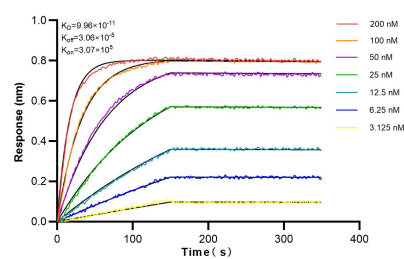
Selected Validation Data



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.

1x10⁶ 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.