

For Research Use Only

GARNL1 Recombinant antibody

Catalog Number: 82971-1-RR

Featured Product



Basic Information

Catalog Number:

82971-1-RR

Size:

100ul, Concentration: 800 ug/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

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells

Background Information

GARNL1/RalGAP 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 -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

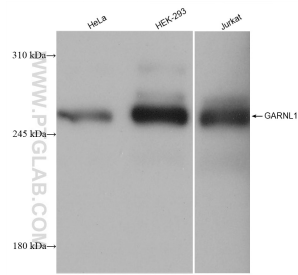
For technical support and original validation data for this product please contact:

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

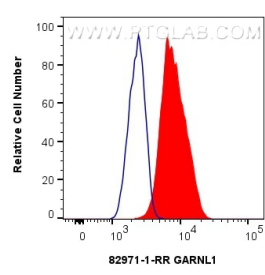
E: proteintech@ptglab.com
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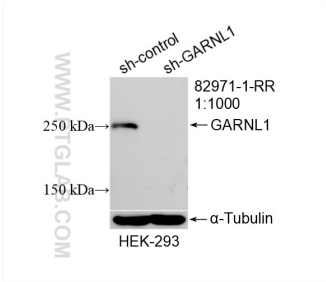
Selected Validation Data



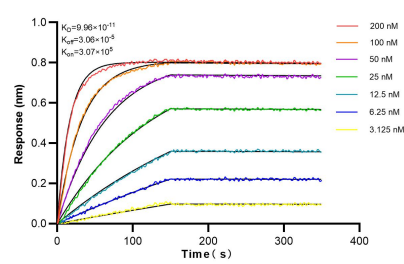
Various lysates were subjected to SDS PAGE followed by western blot with 82971-1-RR (GARNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).



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.



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