GARNL1 Recombinant antibody
Catalog Number:**82971-1-RR**   **Featured Product**

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Basic Information

Catalog Number:
82971-1-RR

Size:
100ul , Concentration: 800 μg/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/RalGAPα1, 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℃. 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
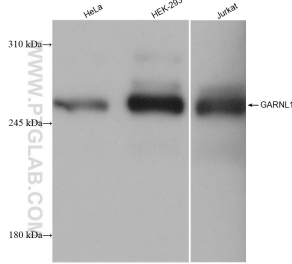
*** 20ul sizes contain 0.1% BSA

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.
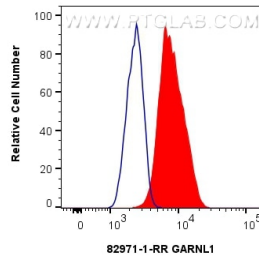
1x10^6 U2OS cells were intracellularly stained with 0.25 ug GARNL1 Recombinant antibody (82971-1-RR, Clone:230165F11) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).
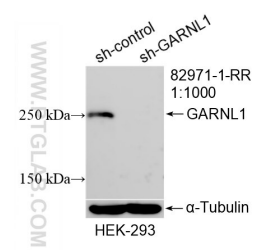
WB result of GARNL1 antibody (82971-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GARNL1 transfected HEK-293 cells.
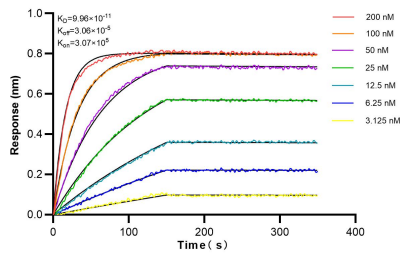
Biolayer interferometry (BLI) kinetic assays of 82971-1-RR against Human GARNL1 were performed. The affinity constant is 99.6 pM.