

For Research Use Only

GARNL1 Polyclonal antibody

Catalog Number: 29847-1-AP



Basic Information

Catalog Number:

29847-1-AP

Size:

500 µg/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:

250 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HEK-293 cells, Jurkat cells

IF/ICC : U2OS cells,

Background Information

GARNL1/RalGAP α 1, a major α subunit of the Ral-GTPase activating protein in skeletal muscle, as a protein whose phosphorylation and binding to the regulatory 14-3-3 proteins is stimulated by insulin and also by muscle contraction (PMID:24768767). The 100 kDa band may be an isoform or fragment (BAA 74907, 943aa).

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

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

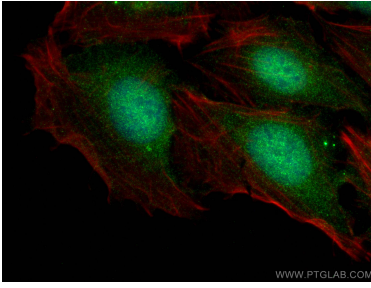
T: 4006900926

E: Proteintech-CN@ptglab.com

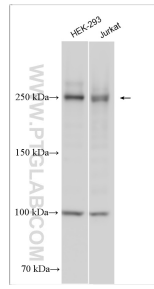
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using GARNL1 antibody (29847-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 29847-1-AP (GARNL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.