

For Research Use Only

# GARNL1 Polyclonal antibody

Catalog Number: 29847-1-AP



## Basic Information

<b>Catalog Number:</b> 29847-1-AP	<b>GenBank Accession Number:</b> NM_014990.3	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 253959	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> GTPase activating Rap/RanGAP domain-like 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 230KD	
<b>Immunogen Catalog Number:</b> AG31518	<b>Observed MW:</b> 250 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, Jurkat cells IF : U2OS cells,
<b>Species Specificity:</b> Human	

## Background Information

GARNL1/RalGAPα1, 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

\*\*\* 20ul sizes contain 0.1% BSA

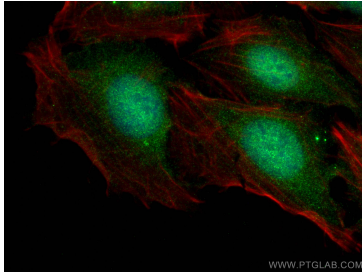
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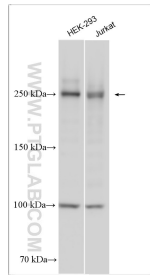
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using GARNL1 antibody (29847-1-AP) at dilution of 1:200 and CoralLite®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.