

For Research Use Only

# RASGRP1 Polyclonal antibody

Catalog Number: 26997-1-AP



## Basic Information

<b>Catalog Number:</b> 26997-1-AP	<b>GenBank Accession Number:</b> BC109297	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10125	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95267	
<b>Isotype:</b> IgG	<b>Full Name:</b> RAS guanyl releasing protein 1 (calcium and DAG-regulated)	
<b>Immunogen Catalog Number:</b> AG25725	<b>Calculated MW:</b> 797 aa, 90 kDa	
	<b>Observed MW:</b> 85-90 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse brain tissue, rat brain tissue <b>IF/ICC :</b> HepG2 cells,

## Background Information

RASGRP1 (RAS guanyl-releasing protein 1) is a Ras guanine nucleotide exchange factor, and an essential regulator of lymphocyte receptor signaling (PMID: 33065764). RasGRP1 is a bifunctional regulator that promotes acute inflammation and inhibits inflammation-associated cancer (PMID: 36385095). RasGRP1, a downstream target gene of VEGF, regulates the development, homeostasis, and differentiation of T cells (PMID: 37429143).

## 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

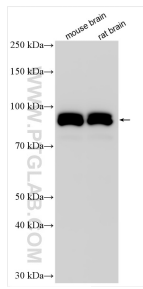
For technical support and original validation data for this product please contact:

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

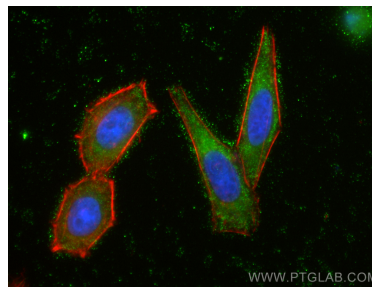
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26997-1-AP (RASGRP1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RASGRP1 antibody (26997-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).