

For Research Use Only

RASGRP1 Polyclonal antibody

Catalog Number: 26997-1-AP



Basic Information

Catalog Number:

26997-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25725

GenBank Accession Number:

BC109297

GeneID (NCBI):

10125

UNIPROT ID:

O95267

Full Name:

RAS guanyl releasing protein 1

(calcium and DAG-regulated)

Calculated MW:

797 aa, 90 kDa

Observed MW:

85-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

IF 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IF : 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

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

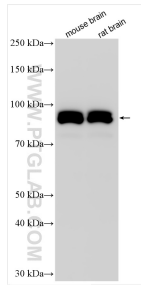
T: 4006900926

E: Proteintech-CN@ptglab.com

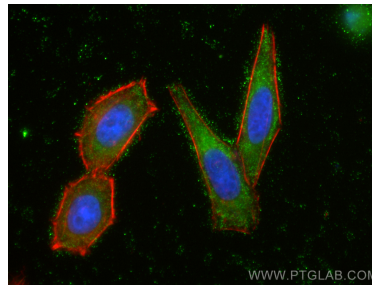
W: ptgcn.com

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Selected Validation Data



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).