

For Research Use Only

RASGRP1 Polyclonal antibody

Catalog Number: 26997-1-AP



Basic Information

Catalog Number:

26997-1-AP

Size:

700 ug/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/ICC 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/ICC : 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:

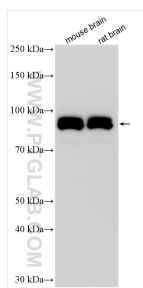
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).