

For Research Use Only

RASAL2 Polyclonal antibody

Catalog Number: 22140-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

22140-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 453 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17555

GenBank Accession Number:

BC110611

GeneID (NCBI):

9462

UNIPROT ID:

Q9UJF2

Full Name:

RAS protein activator like 2

Calculated MW:

1262 aa, 142 kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IP, IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells,

IF/ICC : HeLa cells,

Background Information

RASAL2 (Ras protein activator like 2), also known as nGAP, is a Ras GTPase-activating protein, containing a GRD domain and a coiled-coil structure at the C terminus. It is able to complement the defective RasGAP function in a yeast system. RASAL2 is highly homologous to Ras-specific GTPase activating proteins (RasGAPs). Two transcript variants exist for RASAL2 due to alternative splicing events.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoqiang Zhu	28580280	Mol Metab	WB
Yu Zhang	38453052	Transl Res	IF
Yangyang Yue	35844783	Int J Biol Sci	WB,IP,IHC,IF

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

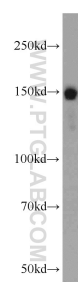
For technical support and original validation data for this product please contact:

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

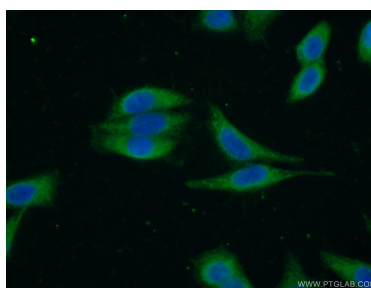
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 22140-1-AP (RASAL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 22140-1-AP (RASAL2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).