

For Research Use Only

RAP1B Polyclonal antibody

Catalog Number: 10840-1-AP

Featured Product

17 Publications



Basic Information

Catalog Number:

10840-1-AP

Size:

280 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1282

GenBank Accession Number:

BC000176

GeneID (NCBI):

5908

UNIPROT ID:

P61224

Full Name:

RAP1B, member of RAS oncogene family

Calculated MW:

21 kDa

Observed MW:

21 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, chicken

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, mouse brain tissue, A549 cells, C6 cells, A431 cells, human brain tissue, HepG2 cells, mouse kidney tissue, NIH/3T3 cells

IHC : human oesophagus cancer tissue,

Background Information

RAP1B is a member of the RAS-like small GTP-binding protein superfamily. Members of this family regulate multiple cellular processes including cell adhesion and growth and differentiation. RAP1B localizes to cellular membranes and has been shown to regulate integrin-mediated cell signaling. It also plays a role in regulating outside-in signaling in platelets.

Notable Publications

Author	Pubmed ID	Journal	Application
Shuo Chen	36056690	J Cell Mol Med	WB
Guanglin Chen	28924375	Int J Med Sci	WB
Chunmei Guo	34026289	J Adv Res	WB

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:

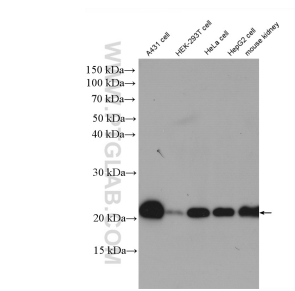
T: 4006900926

E: Proteintech-CN@ptglab.com

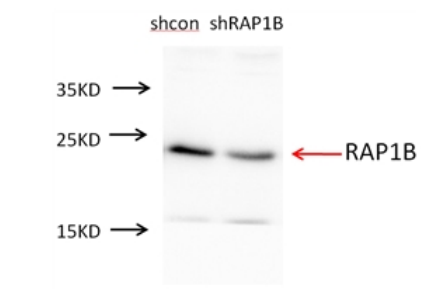
W: ptgcn.com

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

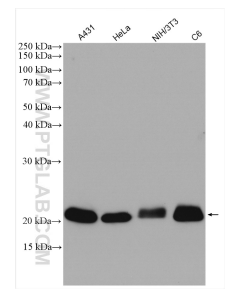
Selected Validation Data



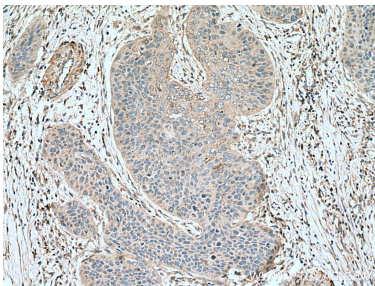
Various lysates were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



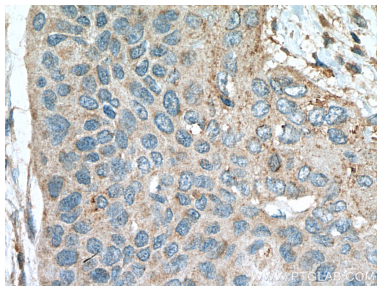
A549 cells were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:300. .



Various lysates were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 10840-1-AP (RAP1B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 10840-1-AP (RAP1B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).