

For Research Use Only

RAP1B Polyclonal antibody

Catalog Number: 10840-1-AP

Featured Product

17 Publications



Basic Information

Catalog Number:

10840-1-AP

Size:

150ul, Concentration: 280 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

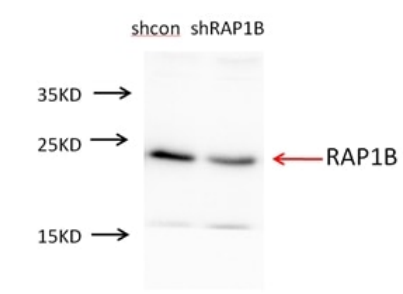
For technical support and original validation data for this product please contact:

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

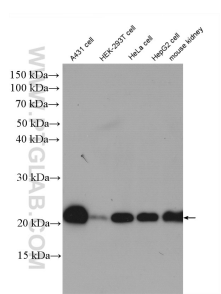
E: proteintech@ptglab.com
W: ptglab.com

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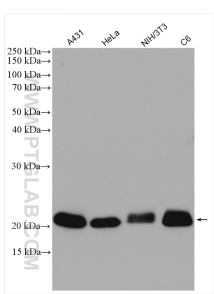
Selected Validation Data



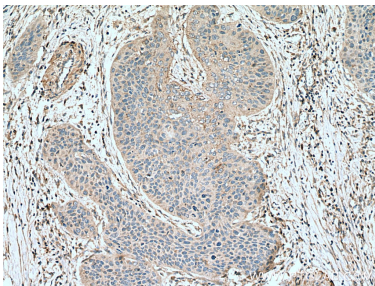
A549 cells were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:300 .



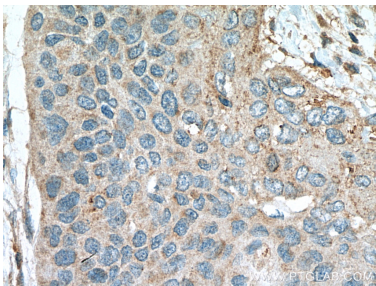
Various lysates were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



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).