

For Research Use Only

RAP1B Polyclonal antibody

Catalog Number: 10840-1-AP **12 Publications**



Basic Information

Catalog Number: 10840-1-AP	GenBank Accession Number: BC000176	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 280 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5908	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: RAP1B, member of RAS oncogene family	
Isotype: IgG	Calculated MW: 21 kDa	
Immunogen Catalog Number: AG1282	Observed MW: 21 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IP, WB	WB : HeLa cells, mouse brain tissue, A549 cells, C6 cells, A431 cells, human brain tissue, HepG2 cells, mouse kidney tissue, NIH/3T3 cells
Species Specificity: human, mouse, rat	IHC : human oesophagus cancer tissue,
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	

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

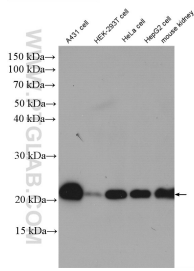
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

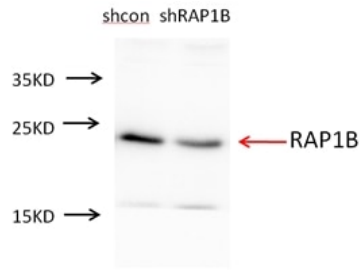
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

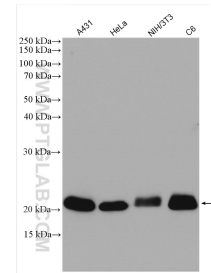
Selected Validation Data



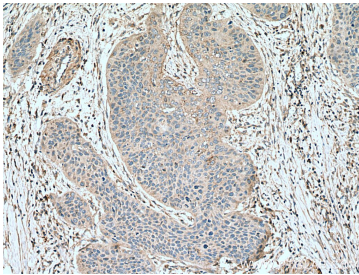
Various lysates were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



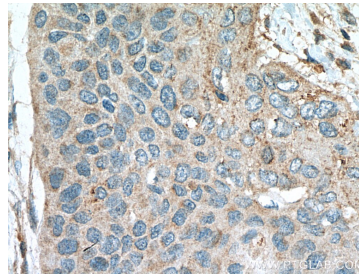
A549 cells were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:300.



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).