

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: 280 µg/ml	GeneID (NCBI): 5908	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P61224	
Isotype: IgG	Full Name: RAP1B, member of RAS oncogene family	
Immunogen Catalog Number: AG1282	Calculated MW: 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IP, IF

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:

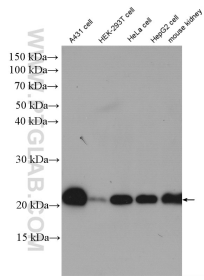
T: 4006900926

E: Proteintech-CN@ptglab.com

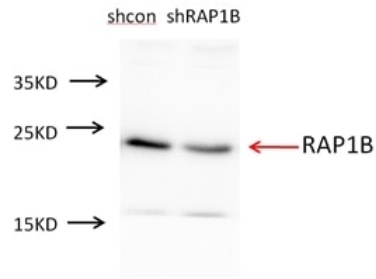
W: ptgcn.com

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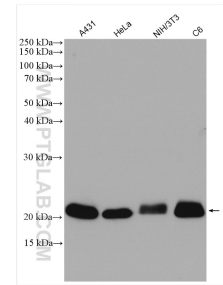
Selected Validation Data



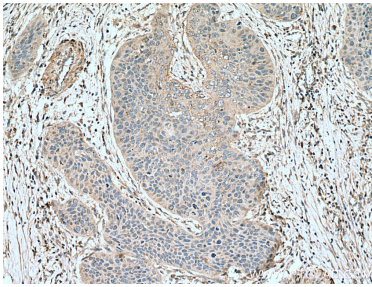
Various lysates were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



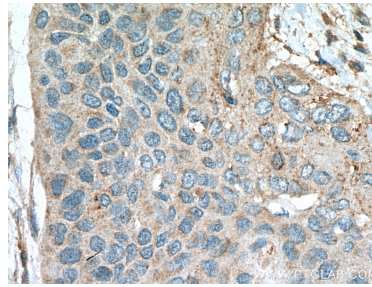
A549 cells were subjected to SDS PAGE followed by western blot with 10840-1-AP (RAP1B antibody) at dilution of 1:300.



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).