

For Research Use Only

RAB31 Polyclonal antibody

Catalog Number: 15485-1-AP **1 Publications**



Basic Information

Catalog Number: 15485-1-AP	GenBank Accession Number: BC001148	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 11031	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: RAB31, member RAS oncogene family	
Isotype: IgG	Calculated MW: 22 kDa	
Immunogen Catalog Number: AG7833	Observed MW: 22 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: HeLa cells, human placenta tissue, K-562 cells, HepG2 cells IHC: human liver cancer tissue,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	
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

RAB31, also named as RAB22b, belongs to small GTP-binding proteins of the RAB family. Rab31 localizes in the trans-Golgi network (TGN) and endosomes. It is required for transport of mannose 6-phosphate receptors (MPRs) from the trans-Golgi network (TGN) to endosomes.

Notable Publications

Author	Pubmed ID	Journal	Application
Tang Biao	36085041	J Transl Med	WB

Storage

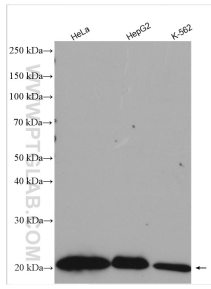
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

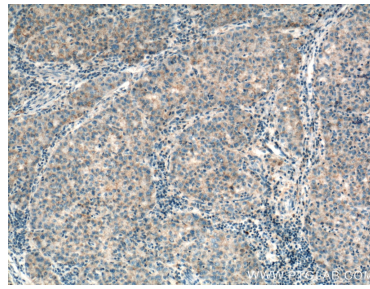
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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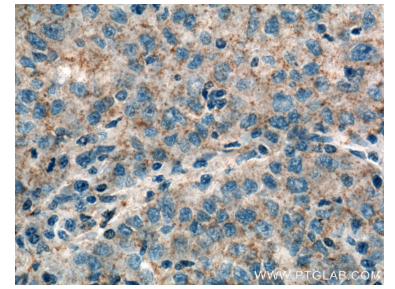
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15485-1-AP (RAB31 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15485-1-AP (RAB31 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 liver cancer tissue slide using 15485-1-AP (RAB31 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).