

For Research Use Only

RAB14 Monoclonal antibody

Catalog Number: 67953-1-Ig



Basic Information

Catalog Number: 67953-1-Ig	GenBank Accession Number: BC006081	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 51552	CloneNo.: 3G7B3
Source: Mouse	UNIPROT ID: P61106	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG1	Full Name: RAB14, member RAS oncogene family	IF/ICC 1:400-1:1600
Immunogen Catalog Number: AG8167	Calculated MW: 215 aa, 24 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat, pig

**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 : LNCaP cells, pig brain tissue, HCT 116 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, HeLa cells, HEK-293 cells, Jurkat cells, rabbit brain tissue, rat brain tissue, mouse brain tissue

IHC : mouse ovary tissue, human colon cancer tissue

IF/ICC : HeLa cells,

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

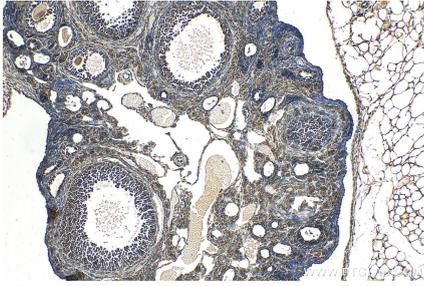
For technical support and original validation data for this product please contact:

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

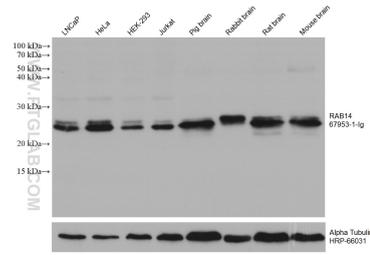
E: proteintech@ptglab.com
W: ptglab.com

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

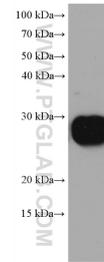
Selected Validation Data



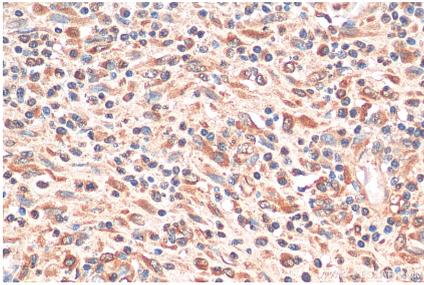
Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 67953-1-Ig (RAB14 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



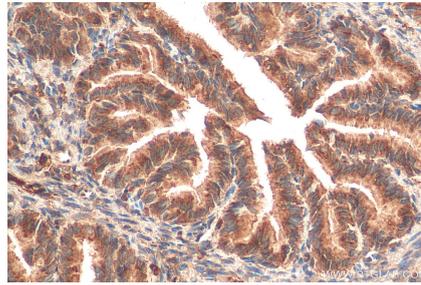
Various lysates were subjected to SDS PAGE followed by western blot with 67953-1-Ig (RAB14 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



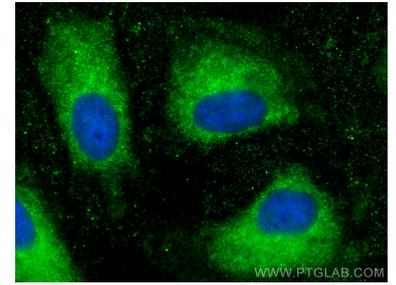
pig brain tissue were subjected to SDS PAGE followed by western blot with 67953-1-Ig (RAB14 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67953-1-Ig (RAB14 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 67953-1-Ig (RAB14 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using RAB14 antibody (67953-1-Ig, Clone: 3G7B3) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).