

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:	1000 ug/ml	GeneID (NCBI):	51552	CloneNo.:	3G7B3
Source:	Mouse	UNIPROT ID:	P61106	Recommended Dilutions:	WB 1:5000-1:50000
Isotype:	IgG1	Full Name:	RAB14, member RAS oncogene family	IHC 1:500-1:2000	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,

Background Information

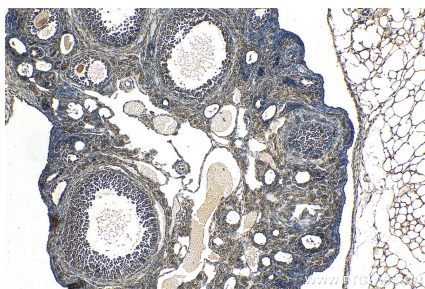
Storage

Storage:
Store at -20°C. Stable for one year after shipment.

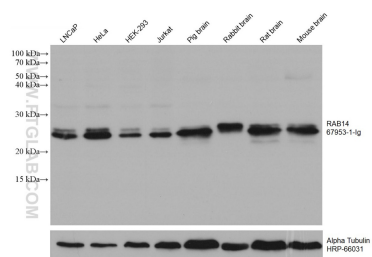
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

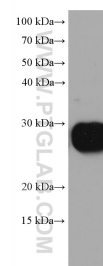
Selected Validation Data



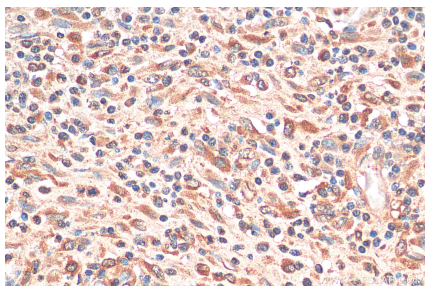
Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 67953-1-Ig (RAB14 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



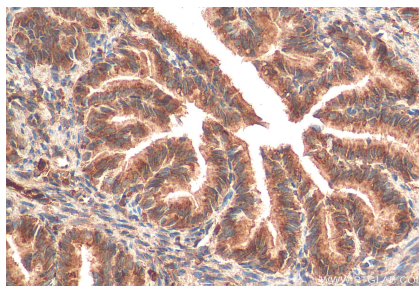
Various lysates were subjected to SDS PAGE followed by western blot with 67953-1-Ig (RAB14 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



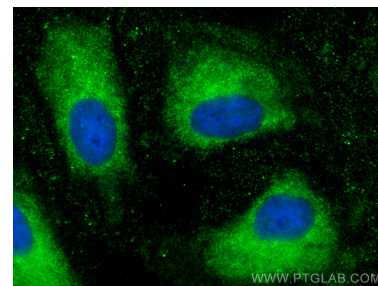
pig brain tissue were subjected to SDS PAGE followed by western blot with 67953-1-Ig (RAB14 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).