

For Research Use Only

RAB24 Polyclonal antibody

Catalog Number: 11445-1-AP **2 Publications**



Basic Information

Catalog Number: 11445-1-AP	GenBank Accession Number: BC021263	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 53917	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:5000-1:50000 for WB
Source: Rabbit	Full Name: RAB24, member RAS oncogene family	Calculated MW: 203 aa, 23 kDa
Isotype: IgG	Observed MW: 23 kDa	IHC 1:50-1:500
Immunogen Catalog Number: AG1995		

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, human skeletal muscle tissue, fetal human brain tissue, mouse brain tissue, rat brain tissue
Cited Applications: IHC, WB	IP : mouse brain tissue,
Species Specificity: human, mouse, rat	IHC : human gliomas tissue,
Cited Species: human, canine	
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

RAB24 is a small GTPase of the Rab subfamily of Ras-related proteins that regulate intracellular protein trafficking. Unlike other Rab family members, RAB24 does not interact with GDP dissociation inhibitors (GDIs), including ARHGDI and ARHGDI B. It interacts with ZFYVE20. Rab24 modulates several mitotic events, including chromosome segregation and cytokinesis, perhaps through the interaction with microtubules.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianfa Yu	34262410	Dose Response	WB
Caryline Agler	24516392	PLoS Genet	IHC

Storage

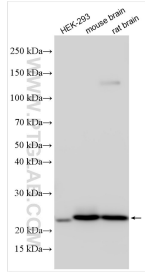
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

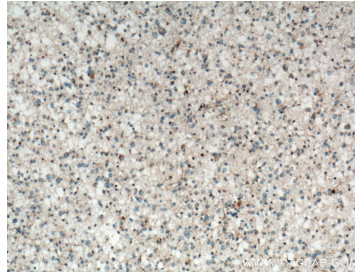
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

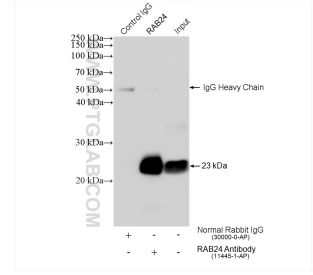
Selected Validation Data



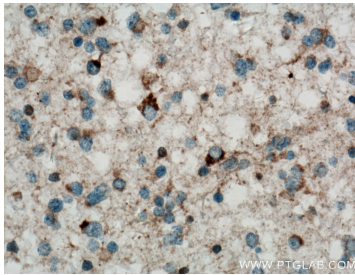
Various lysates were subjected to SDS PAGE followed by western blot with 11445-1-AP (RAB24 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11445-1-AP (RAB24 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-RAB24(IP:11445-1-AP, 4ug; Detection:11445-1-AP 1:10000) with mouse brain tissue lysate 1280 ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11445-1-AP (RAB24 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).