

# RAB24 Polyclonal antibody

Catalog Number: 11445-1-AP

2 Publications

## Basic Information

## Catalog Number:

11445-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG1995

## GenBank Accession Number:

BC021263

## GeneID (NCBI):

53917

## UNIPROT ID:

Q969Q5

## Full Name:

RAB24, member RAS oncogene family

## Calculated MW:

203 aa, 23 kDa

## Observed MW:

23 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

WB, IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

human, canine

## Positive Controls:

WB: HEK-293 cells, human skeletal muscle tissue, fetal human brain tissue, mouse brain tissue, rat brain tissue

IP: mouse brain tissue,

IHC: human gliomas tissue,

**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 A 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

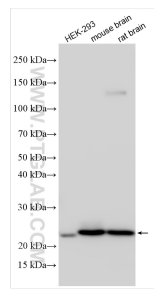
For technical support and original validation data for this product please contact:

T: 4006900926

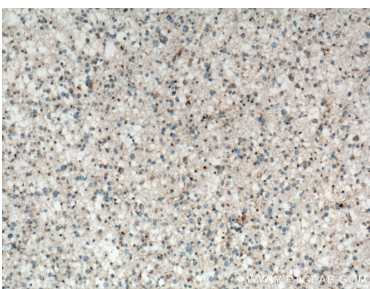
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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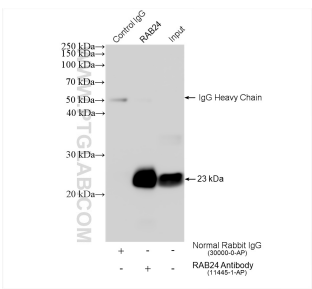
Selected Validation Data



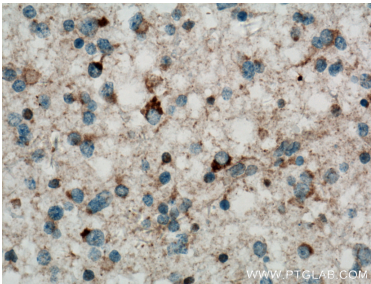
Various lysates were subjected to SDS PAGE followed by western blot with 11445-1-AP (RAB24 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



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).