

For Research Use Only

# RAB5A Polyclonal antibody

Catalog Number: 11947-1-AP

Featured Product

38 Publications



## Basic Information

Catalog Number:

11947-1-AP

Concentration:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2549

GenBank Accession Number:

BC001267

GeneID (NCBI):

5868

UNIPROT ID:

P20339

Full Name:

RAB5A, member RAS oncogene family

Calculated MW:

215 aa, 24 kDa

Observed MW:

24 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:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

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 : mouse brain tissue, HeLa cells, human brain tissue, rat brain tissue

IP : mouse brain tissue,

IHC : human gliomas tissue, mouse brain tissue, human pancreas tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Angke Zhang	32999030	J Virol	IF
Linyan Shen	31649162	Diabetes	WB, IHC
Yanyan Liao	30315228	Sci Rep	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

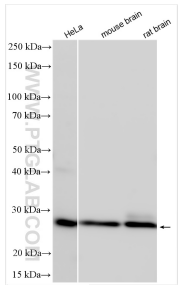
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

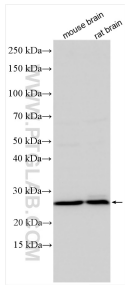
W: [ptgcn.com](http://ptgcn.com)

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

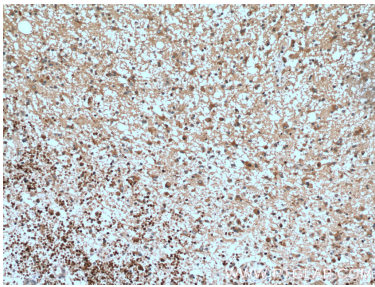
Selected Validation Data



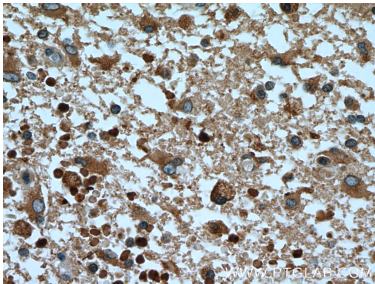
Various lysates were subjected to SDS PAGE followed by western blot with 11947-1-AP (RAB5A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



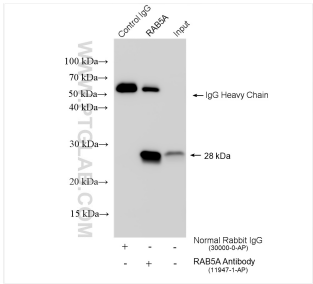
Various lysates were subjected to SDS PAGE followed by western blot with 11947-1-AP (RAB5A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11947-1-AP (RAB5A 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 gliomas tissue slide using 11947-1-AP (RAB5A Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-RAB5A (IP:11947-1-AP, 4ug; Detection:11947-1-AP 1:10000) with mouse brain tissue lysate 1680 ug.