

For Research Use Only

# RHOB Polyclonal antibody

Catalog Number: 14326-1-AP

Featured Product

27 Publications



## Basic Information

### Catalog Number:

14326-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5593

### GenBank Accession Number:

BC066954

### GeneID (NCBI):

388

### UNIPROT ID:

P62745

### Full Name:

ras homolog gene family, member B

### Calculated MW:

22 kDa

### Observed MW:

22 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IP 0.5-4.0 ug 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, rabbit

**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, HEK-293 cells, HeLa cells, SH-SY5Y cells, rat brain tissue

**IP**: HeLa cells, mouse brain tissue

**IHC**: human brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Mingdong Liu	30297842	Nat Commun	WB,IF
Jianyou Gu	35538494	Mol Cancer	WB,IHC
Kelly A Servage	32382024	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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

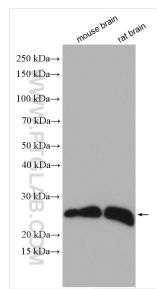
For technical support and original validation data for this product please contact:

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

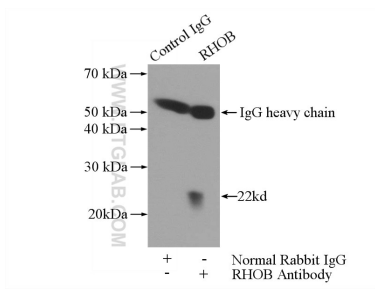
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

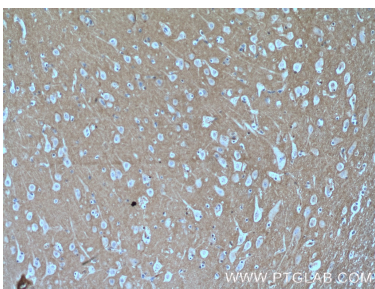
Selected Validation Data



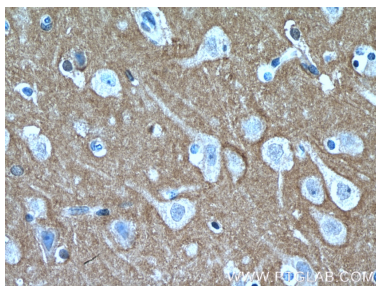
Various lysates were subjected to SDS PAGE followed by western blot with 14326-1-AP (RHOB antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-RHOB (IP:14326-1-AP, 3ug; Detection:14326-1-AP 1:2000) with HeLa cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 14326-1-AP (RHOB 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 brain tissue slide using 14326-1-AP (RHOB antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).