

For Research Use Only

# EIF2B2 Polyclonal antibody

Catalog Number: 11034-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

11034-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1502

### GenBank Accession Number:

BC011750

### GeneID (NCBI):

8892

### UNIPROT ID:

P49770

### Full Name:

eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa

### Calculated MW:

39 kDa

### Observed MW:

39 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:14000

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, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 : A431 cells, mouse liver tissue, HEK-293 cells, K-562 cells

IP : HEK-293 cells,

IHC : rat brain tissue, mouse brain tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Michael Schoof	33688831	Elife	WB
Noel C Wortham	26614765	Biochem J	WB
Yu Lin	31215738	Mol Reprod Dev	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

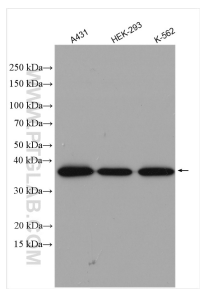
For technical support and original validation data for this product please contact:

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

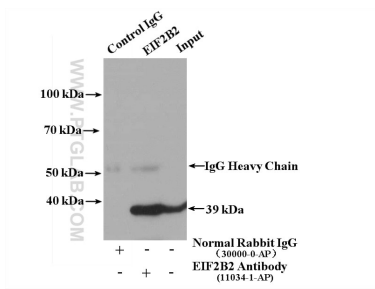
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

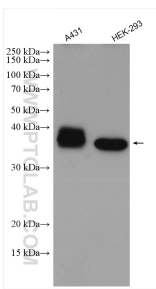
Selected Validation Data



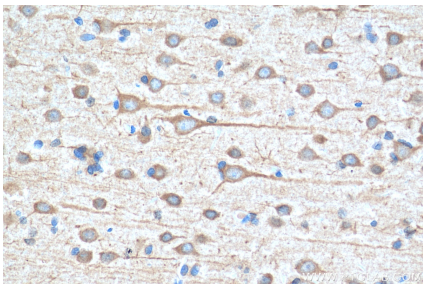
A431 cells were subjected to SDS PAGE followed by western blot with 11034-1-AP (EIF2B2 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



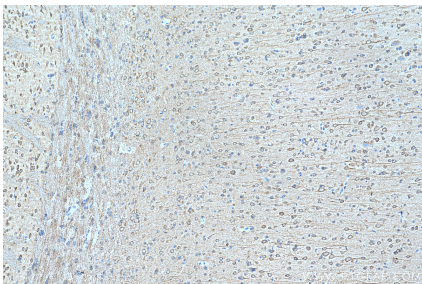
IP result of anti-EIF2B2 (IP:11034-1-AP, 4ug; Detection:11034-1-AP 1:500) with HEK-293 cells lysate 2000 ug.



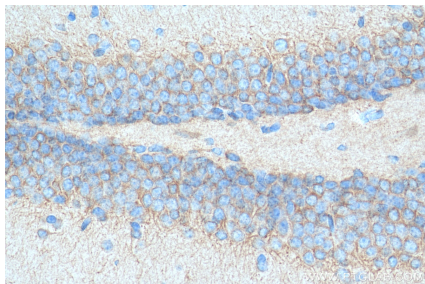
Various lysates were subjected to SDS PAGE followed by western blot with 11034-1-AP (EIF2B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



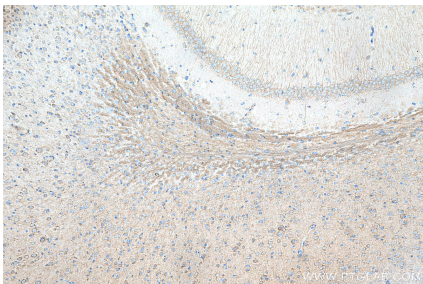
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 11034-1-AP (EIF2B2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 11034-1-AP (EIF2B2 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 mouse brain tissue slide using 11034-1-AP (EIF2B2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11034-1-AP (EIF2B2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).