

For Research Use Only

# Ephrin A3 Polyclonal antibody

Catalog Number: 12480-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

12480-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3188

**GenBank Accession Number:**

BC017722

**GeneID (NCBI):**

1944

**UNIPROT ID:**

P52797

**Full Name:**

ephrin-A3

**Calculated MW:**

238 aa, 26 kDa

**Observed MW:**

26-35 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat

**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, human brain tissue, A549 cells, rat brain tissue

**IP:** A549 cells,

**IHC:** human skeletal muscle tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ruzetuoheti Yiminniyaze	35770949	Cancer Med	WB
Hui Wang	32695810	Biomed Res Int	WB
Yihua Bei	38410280	Research (Wash D C)	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

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

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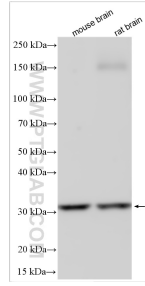
W: ptgcn.com

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

## Selected Validation Data



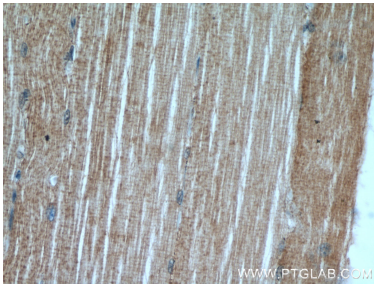
human brain tissue were subjected to SDS PAGE followed by western blot with 12480-1-AP (Ephrin A3 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



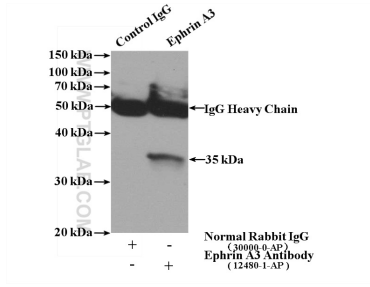
Various lysates were subjected to SDS PAGE followed by western blot with 12480-1-AP (Ephrin A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 12480-1-AP (Ephrin A3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 12480-1-AP (Ephrin A3 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-Ephrin A3 (IP:12480-1-AP, 4ug; Detection:12480-1-AP 1:500) with A549 cells lysate 1040ug.