

For Research Use Only

# Ephrin A3 Polyclonal antibody

Catalog Number: 12480-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 12480-1-AP	<b>GenBank Accession Number:</b> BC017722	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1944	<b>Recommended Dilutions:</b> 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
<b>Source:</b> Rabbit	<b>Full Name:</b> ephrin-A3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 238 aa, 26 kDa	
<b>Immunogen Catalog Number:</b> AG3188	<b>Observed MW:</b> 26-35 kDa	

## Applications

<b>Tested Applications:</b> FC, IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	<b>WB:</b> mouse brain tissue, human brain tissue, A549 cells, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IP:</b> A549 cells,
<b>Cited Species:</b> human, rat	<b>IHC:</b> human skeletal muscle tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ruzetuoheti Yiminniyaze	35770949	Cancer Med	WB
Hui Wang	32695810	Biomed Res Int	WB
Tao Tong	38123022	Brain Res Bull	WB

## Storage

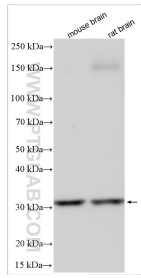
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

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

## Selected Validation Data



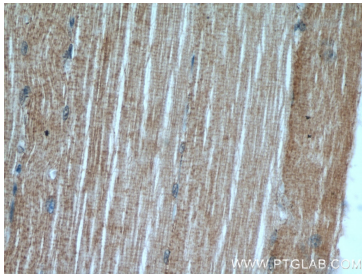
Various lysates were subjected to SDS PAGE followed by western blot with 12480-1-AP (Ephrin A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



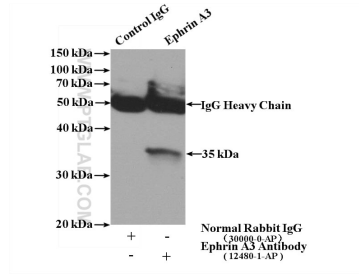
human brain tissue were subjected to SDS PAGE followed by western blot with 12480-1-AP (Ephrin A3 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



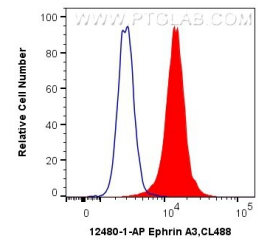
Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 12480-1-AP (Ephrin A3 antibody) at dilution of 1:50 (under 10x lens).



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.



$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.4 ug Anti-Human Ephrin A3 (12480-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).