

For Research Use Only

# SLITRK3 Polyclonal antibody

Catalog Number: 21649-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

21649-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG16352

### GenBank Accession Number:

BC114621

### GeneID (NCBI):

22865

### UNIPROT ID:

O94933

### Full Name:

SLIT and NTRK-like family, member 3

### Calculated MW:

977 aa, 109 kDa

### Observed MW:

120-125 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:200-1:1000

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, IHC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, 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,

IP : mouse brain tissue,

IHC : rat small intestine tissue, mouse brain tissue, mouse intestine

## Notable Publications

Author	Pubmed ID	Journal	Application
Jun Li	29107521	Neuron	WB, IHC
Aliccia Bollig-Fischer	35006496	Mol Biomed	WB, IF
Saurabh Pandey	40147933	J Neurosci	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

\*\*\* 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)

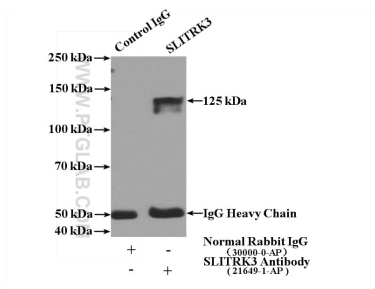
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

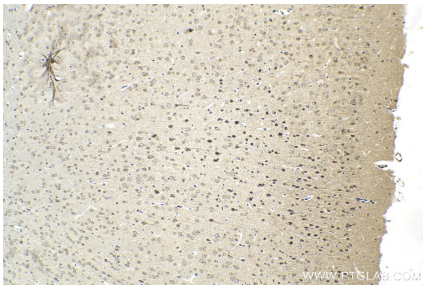
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



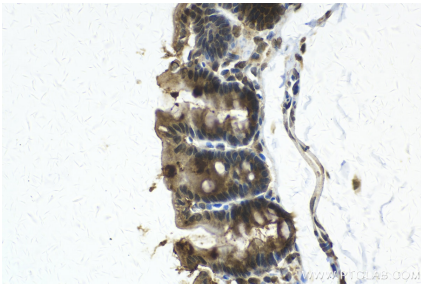
IP result of anti-SLITRK3 (IP:21649-1-AP, 4ug; Detection:21649-1-AP 1:300) with mouse brain tissue lysate 4000ug.



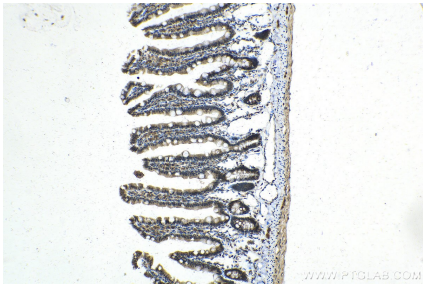
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



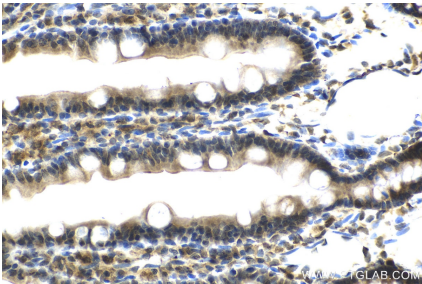
Immunohistochemical analysis of paraffin-embedded mouse intestine tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse intestine tissue slide using 21649-1-AP (SLITRK3 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 small intestine tissue slide using 21649-1-AP (SLITRK3 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 rat small intestine tissue slide using 21649-1-AP (SLITRK3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).