

For Research Use Only

# STXBP1 Polyclonal antibody

Catalog Number: 11459-1-AP

Featured Product

14 Publications



## Basic Information

### Catalog Number:

11459-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 460 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1978

### GenBank Accession Number:

BC015749

### GeneID (NCBI):

6812

### UNIPROT ID:

P61764

### Full Name:

syntaxin binding protein 1

### Calculated MW:

594 aa, 68 kDa

### Observed MW:

65-68 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

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

IHC 1:50-1:500

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, 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** : HeLa cells, A549 cells, A375 cells, human brain tissue, Y79 cells, Jurkat cells, SH-SY5Y cells

**IP** : HeLa cells,

**IHC** : human brain tissue,

**IF/ICC** : A375 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Nadeem Murtaza	36417873	Cell Rep	WB
Poppy Datta	31694913	J Biol Chem	WB
Poppy Datta	33961633	PLoS One	WB, IHC

## 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

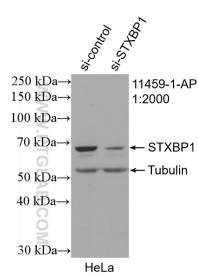
For technical support and original validation data for this product please contact:

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

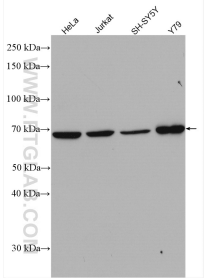
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

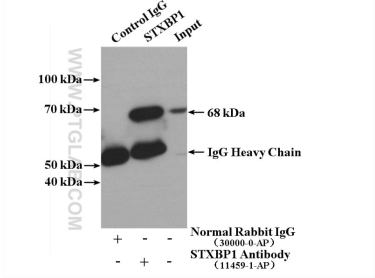
Selected Validation Data



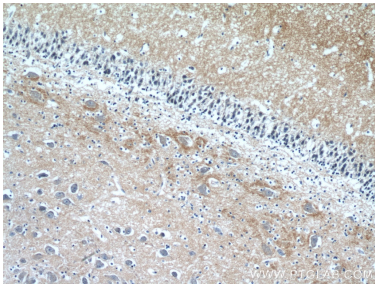
WB result of STXBP1 antibody (11459-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-STXBP1 transfected HeLa cells.



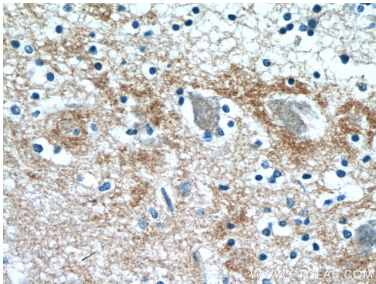
Various lysates were subjected to SDS PAGE followed by western blot with 11459-1-AP (STXBP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



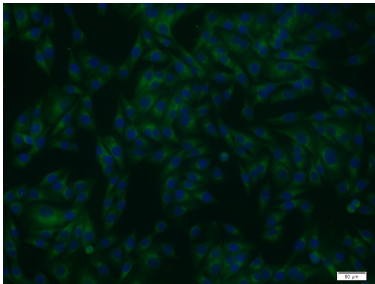
IP result of anti-STXBP1 (IP:11459-1-AP, 4ug; Detection:11459-1-AP 1:1000) with HeLa cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 11459-1-AP (STXBP1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 11459-1-AP (STXBP1 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of A375 cells using 11459-1-AP (STXBP1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).