

For Research Use Only

STXBP1 Polyclonal antibody

Catalog Number: 11459-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

11459-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1978

GenBank Accession Number:

BC015749

GeneID (NCBI):

6812

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 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, 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: HeLa cells, A549 cells, A375 cells, human brain tissue, Y79 cells, Jurkat cells, SH-SY5Y cells

IP: HeLa cells,

IHC: human brain tissue,

IF: A375 cells,

Background Information

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

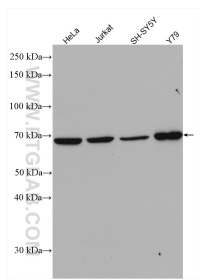
For technical support and original validation data for this product please contact:

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

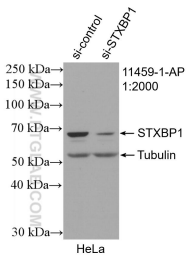
E: proteintech@ptglab.com
W: ptglab.com

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

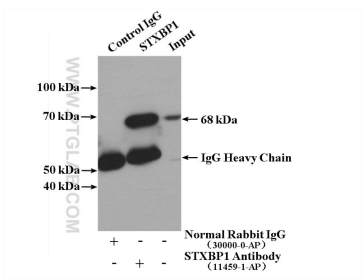
Selected Validation Data



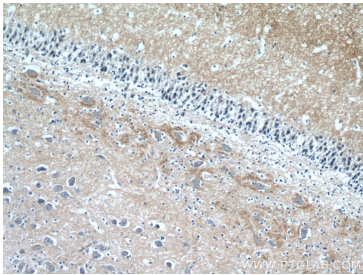
Various lysates were subjected to SDS PAGE followed by western blot with 11459-1-AP (STXBP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



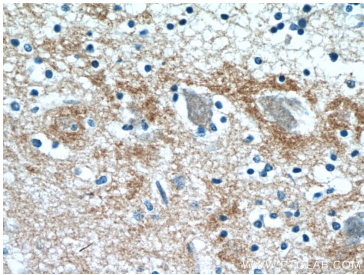
WB result of STXBP1 antibody (11459-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-STXBP1 transfected HeLa cells.



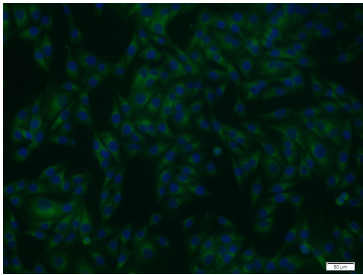
IP Result of anti-STXBP1 (IP:11459-1-AP, 4ug; Detection:11459-1-AP 1:1000) with HeLa cells lysate 2400ug.



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).