

For Research Use Only

SYT17 Polyclonal antibody

Catalog Number: 15413-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:
15413-1-AP

Size:
150ul, Concentration: 450 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7691

GenBank Accession Number:
BC004518

GeneID (NCBI):
51760

Full Name:
synaptotagmin XVII

Calculated MW:
54 kDa

Observed MW:
75-80 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

Tested Applications:
FC, IF, IHC, IP, WB, ELISA

Cited Applications:
IF, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

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: human kidney tissue, A375 cells, human brain tissue, human testis tissue, mouse brain tissue, mouse lung tissue, PC-3 cells

IP: mouse brain tissue,

IHC: human brain tissue, human lung cancer tissue

IF: HepG2 cells,

Background Information

The function of SYT17 has not been widely studied, and is yet to be fully elucidated. This antibody works well in WB, IHC and IF applications.

Notable Publications

Author	Pubmed ID	Journal	Application
Yusuke Takada	32369831	Int Immunol	IHC,IF

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

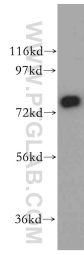
For technical support and original validation data for this product please contact:

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

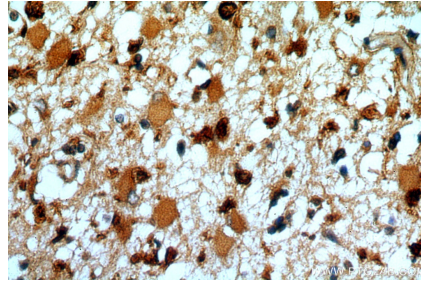
E: proteintech@ptglab.com
W: ptglab.com

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

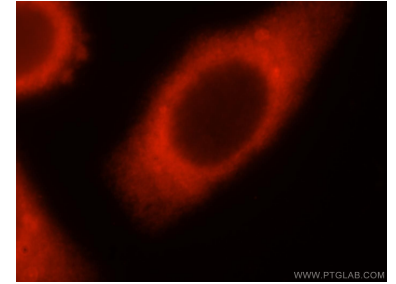
Selected Validation Data



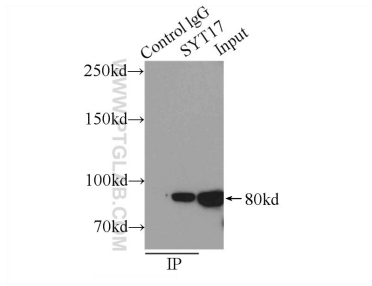
human kidney tissue were subjected to SDS PAGE followed by western blot with 15413-1-AP (SYT17 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



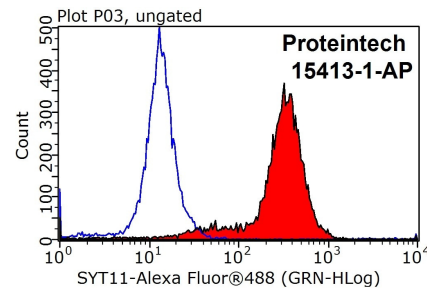
Immunohistochemical analysis of paraffin-embedded human brain using 15413-1-AP (SYT17 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using SYT17 antibody 15413-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-SYT17 (IP:15413-1-AP, 4ug; Detection:15413-1-AP 1:800) with mouse brain tissue lysate 6000ug.



1x10⁶ HepG2 cells were stained with 0.2ug SYT17 antibody (15413-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.