

For Research Use Only

# SNX25 Polyclonal antibody

Catalog Number: 13294-1-AP

Featured Product

6 Publications



## Basic Information

### Catalog Number:

13294-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3995

### GenBank Accession Number:

BC029868

### GeneID (NCBI):

83891

### UNIPROT ID:

Q9H3E2

### Full Name:

sorting nexin 25

### Calculated MW:

98 kDa

### Observed MW:

98-105 kDa, 65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:16000

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

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : EL-4 cells, Raji cells, Jurkat cells, mouse thymus tissue, C6 cells, mouse brain tissue, rat brain tissue

IP : Raji cells,

IF/ICC : HeLa cells,

## Background Information

SNXs (sorting nexin), a family of proteins playing roles in cargo sorting and signaling from compartments within the endocytic network, regulate traffic of membrane proteins including TGF- $\beta$  receptors. Sorting Nexin 25 (SNX25) has been recently proposed to modulate TGF- $\beta$  signaling through endosomal sorting of TGF- $\beta$  receptors for lysosomal degradation. This antibody can recognize two isoforms: 98-105 kDa and 65 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shoko Takemura	32955616	Brain Struct Funct	IHC
Shoko Takemura	32156614	Neurosci Lett	WB
Kazuya Nishimura	33647065	PLoS One	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

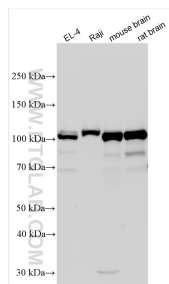
For technical support and original validation data for this product please contact:

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

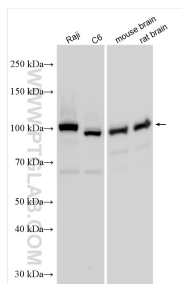
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

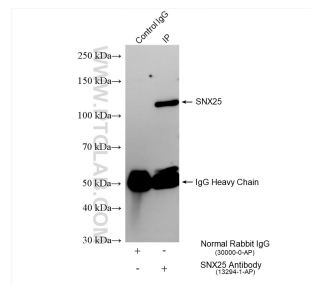
## Selected Validation Data



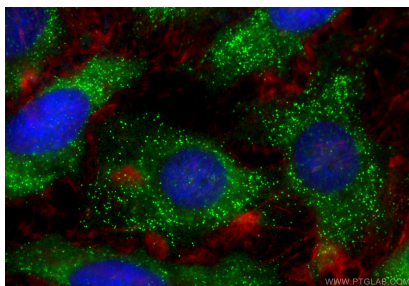
Various lysates were subjected to SDS PAGE followed by western blot with 13294-1-AP (SNX25 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 13294-1-AP (SNX25 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-SNX25 (IP:13294-1-AP, 4ug; Detection:13294-1-AP 1:2000) with Raji cells lysate 1600 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using SNX25 antibody (13294-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).