

For Research Use Only

# SNX17 Polyclonal antibody

Catalog Number: 10275-1-AP

Featured Product

20 Publications



## Basic Information

### Catalog Number:

10275-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0355

### GenBank Accession Number:

BC002524

### GeneID (NCBI):

9784

### UNIPROT ID:

Q15036

### Full Name:

sorting nexin 17

### Calculated MW:

53 kDa

### Observed MW:

50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:5000-1:50000

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, IF, IP

### Species Specificity:

human, mouse

### 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** : K-562 cells, HeLa cells, human brain tissue, mouse skin tissue, mouse brain tissue, mouse cerebellum tissue, RAW 264.7 cells, SK-N-SH cells, SH-SY5Y cells

**IP** : HeLa cells,

**IHC** : mouse brain tissue,

## Background Information

Sorting nexin 17 (SNX17, synonym: KIAA0064) is a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. SNX17 does not contain a coiled-coil region, like some family members, but contains a B41 domain. This protein interacts with the cytoplasmic domain of P-selectin and may function in the intracellular trafficking of P-selectin.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kerrie E McNally	28892079	Nat Cell Biol	WB
Xiaoxiao He	36311763	Front Immunol	WB,IP
Rachel Curnock	31694921	J Cell Biol	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

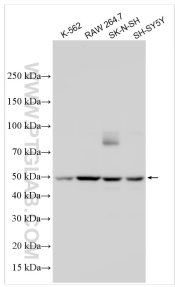
For technical support and original validation data for this product please contact:

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

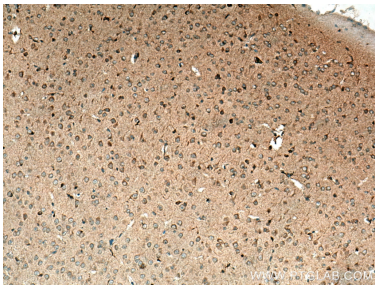
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

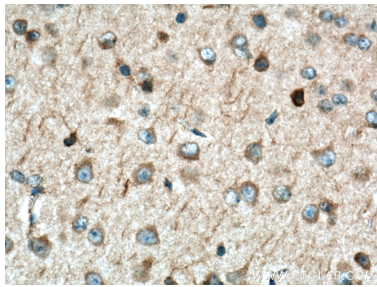
Selected Validation Data



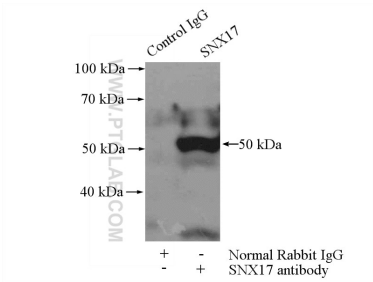
Various lysates were subjected to SDS PAGE followed by western blot with 10275-1-AP (SNX17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10275-1-AP (SNX17 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 brain tissue slide using 10275-1-AP (SNX17 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-SNX17 (IP:10275-1-AP, 4ug; Detection:10275-1-AP 1:1000) with HeLa cells lysate 1200ug.