

For Research Use Only

# SNX17 Polyclonal antibody

Catalog Number:10275-1-AP

Featured Product

20 Publications



## Basic Information

**Catalog Number:**

10275-1-AP

**Size:**

550 ug/ml

**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

**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,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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

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

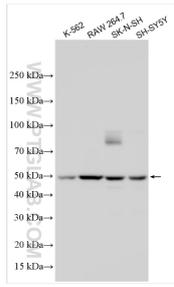
T: 4006900926

E: Proteintech-CN@ptglab.com

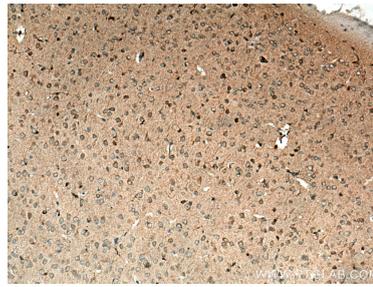
W: ptgcn.com

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

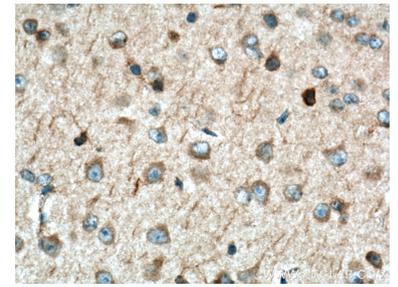
## Selected Validation Data



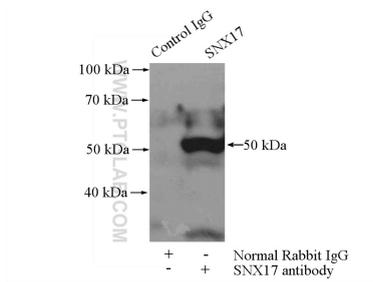
Various lysates were subjected to SDS PAGE followed by western blot with 10275-1-AP (SNX17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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, 4 $\mu$ g; Detection:10275-1-AP 1:1000) with HeLa cells lysate 1200 $\mu$ g.