

For Research Use Only

# SNX1 Polyclonal antibody

Catalog Number: 10304-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

10304-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0499

### GenBank Accession Number:

BC000357

### GeneID (NCBI):

6642

### UNIPROT ID:

Q13596

### Full Name:

sorting nexin 1

### Calculated MW:

59 kDa

### Observed MW:

70-75 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:6000

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

IHC: 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP, ChIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, 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:** HEK-293T cells, HeLa cells, HepG2 cells, Jurkat cells

**IP:** HeLa cells,

**IHC:** human breast cancer tissue, human kidney tissue, human pancreas cancer tissue

## Background Information

Sorting nexin 1 (SNX1, synonyms: SNX1A, MGC8664, HsT17379) 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. This endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. SNX1 also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members.

## Notable Publications

Author	Pubmed ID	Journal	Application
Takeshi Yamasaki	25181483	PLoS One	IF
Chao Liu	33972750	Hypertens Res	IP
Eduardo J Pérez-Torres	35749364	Proc Natl Acad Sci U S A	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

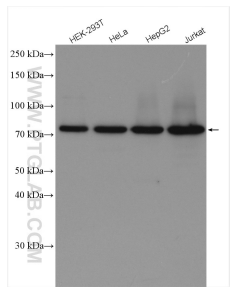
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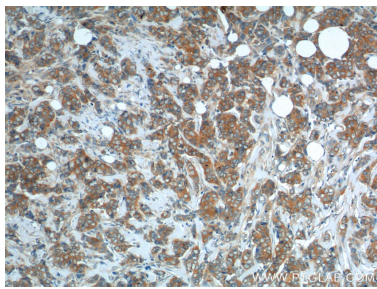
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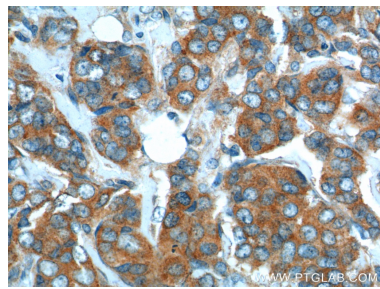
Selected Validation Data



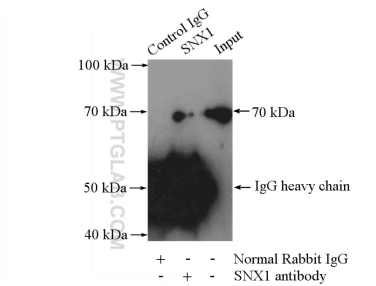
Various lysates were subjected to SDS PAGE followed by western blot with 10304-1-AP (SNX1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10304-1-AP (SNX1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10304-1-AP (SNX1 Antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-SNX1 (IP:10304-1-AP, 4ug; Detection:10304-1-AP 1:800) with HeLa cells lysate 2000ug.