

For Research Use Only

SNX1 Polyclonal antibody

Catalog Number: 10304-1-AP

Featured Product

11 Publications



Basic Information

| | | |
|---|--|---|
| Catalog Number: 10304-1-AP | GenBank Accession Number: BC000357 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 6642 | Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:20-1:200 |
| Source: Rabbit | Full Name: sorting nexin 1 | |
| Isotype: IgG | Calculated MW: 59 kDa | |
| Immunogen Catalog Number: AG0499 | Observed MW: 70-75 kDa | |

Applications

| | |
|--|---|
| Tested Applications: IHC, IP, WB, ELISA | 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 |
| Cited Applications: IF, IP, WB | |
| 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 | |

Background Information

Sorting nexin 1 (SNX1, synonyms: SNX1A, MGC8664, HsT17379) is a member of the sorting nexin family. Members of this family contain a p190 (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

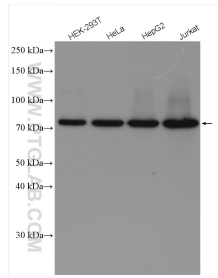
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

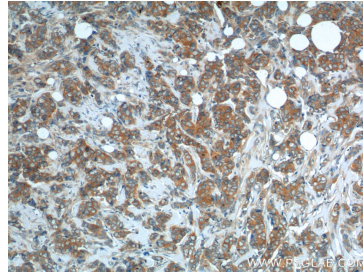
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

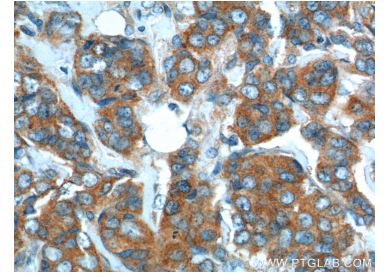
Selected Validation Data



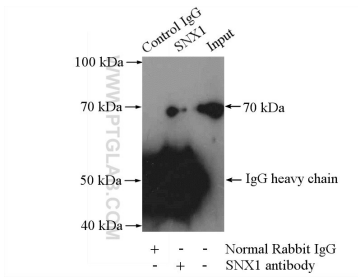
Various lysates were subjected to SDS PAGE followed by western blot with 10304-1-AP (SNX1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.