For Research Use Only

SNX1 Polyclonal antibody

Catalog Number:10304-1-AP Featured Product 11 Publications

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Basic Information

Catalog Number:
10304-1-AP

Size:
150ul , Concentration: 400 µg/ml by Nanodrop and 200 µg/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, IP, IF

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

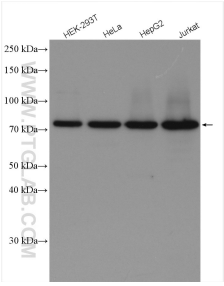
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

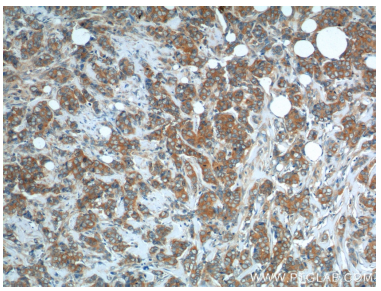
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

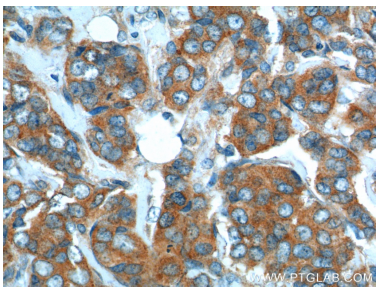
Selected Validation Data



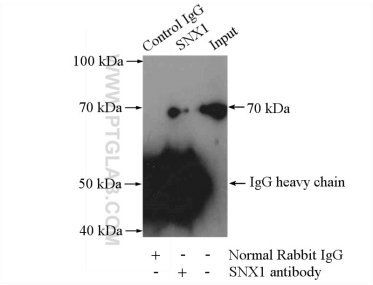
Various lysates were subjected to SDS PAGE followed by western blot with 10304-1-AP (SNX1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.