

For Research Use Only

SNX3 Polyclonal antibody

Catalog Number: 10772-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

10772-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1160

GenBank Accession Number:

BC008444

GeneID (NCBI):

8724

UNIPROT ID:

O60493

Full Name:

sorting nexin 3

Calculated MW:

19 kDa

Observed MW:

16-20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, ColP

Species Specificity:

human, mouse, rat

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: COLO 320 cells, A549 cells, HeLa cells

IHC: human skin cancer tissue,

Background Information

SNX3 is a member of the sorting nexin family of proteins regulating membrane traffic. SNX3 regulates endosomal function through its PX (phox homology)-domain-mediated interaction with PtdIns(3)P (PMID: 11433298). It is a potential regulator of neurite formation and may play an important role in the development and function of the central nervous system (PMID: 19576982; 20817026).

Notable Publications

Author	Pubmed ID	Journal	Application
Ian J McGough	30213940	Nat Commun	WB, IF
Esra Cicek	34718348	Oncogene	WB, IF
Fergal O'Farrell	29084199	Nat 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

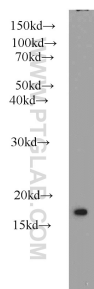
For technical support and original validation data for this product please contact:

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

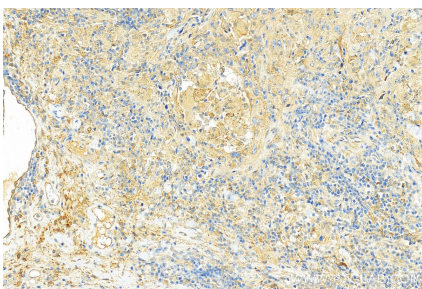
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 10772-1-AP (SNX3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 10772-1-AP (SNX3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).