

For Research Use Only

SNX18 Monoclonal antibody

Catalog Number: 68305-1-Ig



Basic Information

Catalog Number:

68305-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17388

GenBank Accession Number:

BC060791

GeneID (NCBI):

112574

UNIPROT ID:

Q96RFO

Full Name:

sorting nexin 18

Calculated MW:

628 aa, 69 kDa

Observed MW:

67-70 kDa

Purification Method:

Protein G purification

CloneNo.:

2E7D6

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, Mouse

Positive Controls:

WB : HCT 116 cells, NIH/3T3 cells, A549 cells, HeLa cells, LNCaP cells, HEK-293 cells, Jurkat cells, K-562 cells

IF/ICC : A431 cells,

Background Information

SNXs (sorting nexins) are a diverse group of cytoplasmic and membrane-associated proteins that are classified by the presence of a phospholipid-binding motif-the PX domain (PMID:12461558). SNXs are involved in endocytosis and protein trafficking. SNX18, together with SNX9 and SNX33, constitutes a separate SNX9 subfamily which is required for mitosis through endocytosis processes (PMID: 22718350, 20427313). SNX18 acts as a positive regulator of autophagy, and regulates ATG9A trafficking from recycling endosomes (PMID: 24113029, 29437695).

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:

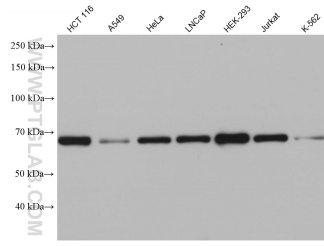
T: 4006900926

E: Proteintech-CN@ptglab.com

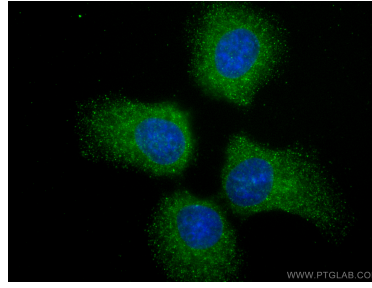
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68305-1-Ig (SNX18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using SNX18 antibody (68305-1-Ig, Clone: 2E7D6) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).