

For Research Use Only

SNX18 Polyclonal antibody

Catalog Number: 21946-1-AP

1 Publications



Basic Information

Catalog Number:

21946-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16645

GenBank Accession Number:

BC060791

GeneID (NCBI):

112574

UNIPROT ID:

Q96RF0

Full Name:

sorting nexin 18

Calculated MW:

628 aa, 69 kDa

Observed MW:

67-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HL-60 cells, human placenta tissue, L02 cells, MCF-7 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, regulates ATG9A trafficking from recycling endosomes (PMID: 24113029, 29437695).

Notable Publications

Author	Pubmed ID	Journal	Application
Valeria L Robleto	39511325	Commun 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

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

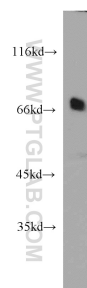
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 21946-1-AP (SNX18 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.