

For Research Use Only

SNX18 Recombinant antibody, PBS Only

Catalog Number: 84215-4-PBS



Basic Information

Catalog Number:

84215-4-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16645

GenBank Accession Number:

BC060791

GeneID (NCBI):

112574

UNIPROT ID:

Q96RFO

Full Name:

sorting nexin 18

Calculated MW:

628 aa, 69 kDa

Observed MW:

68-70 kDa

Purification Method:

Protein A purification

CloneNo.:

241537D11

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS Only

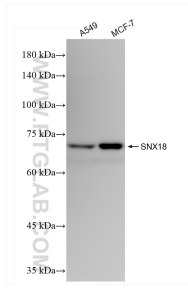
For technical support and original validation data for this product please contact:

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

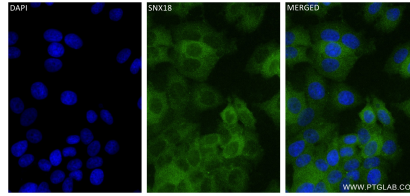
E: proteintech@ptglab.com
W: ptglab.com

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

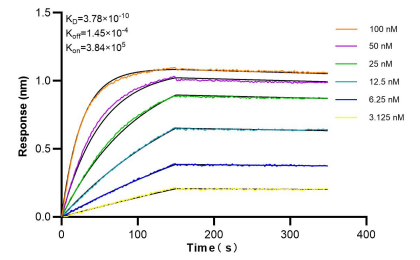
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84215-4-RR (SNX18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84215-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using SNX18 antibody (84215-4-RR, Clone: 241537D11) at dilution of 1:250 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84215-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84215-4-RR against Human SNX18 were performed. The affinity constant is 0.378 nM.