

SNX18 Recombinant antibody

Catalog Number: 84215-4-RR

Basic Information

Catalog Number:

84215-4-RR

Size:

1000 ug/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:

68-70 kDa

Purification Method:

Protein A purification

CloneNo.:

241537D11

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:125-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A549 cells, mouse brain tissue, MCF-7 cells

IF/ICC : 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 and regulates ATG9A trafficking from recycling endosomes (PMID: 24113029, 29437695).

Storage

Storage:

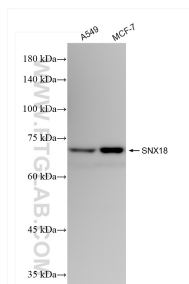
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

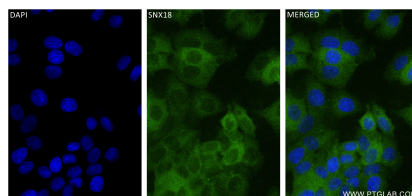
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

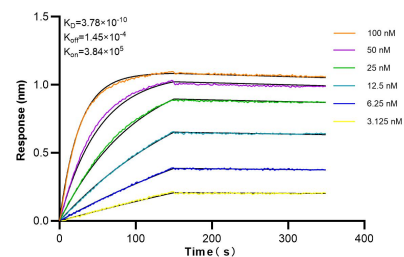
Selected Validation Data



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.



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).



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