

For Research Use Only

SNX18 Recombinant antibody

Catalog Number: 84215-4-RR



Basic Information

Catalog Number: 84215-4-RR	GenBank Accession Number: BC060791	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 112574	CloneNo.: 241537D11
Source: Rabbit	UNIPROT ID: Q96RF0	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: sorting nexin 18	
Immunogen Catalog Number: AG16645	Calculated MW: 628 aa, 69 kDa	
	Observed MW: 68-70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : A549 cells, mouse brain tissue, MCF-7 cells IF/ICC : MCF-7 cells,
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 -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

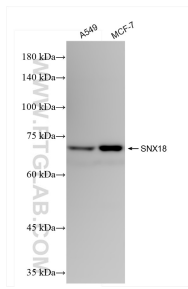
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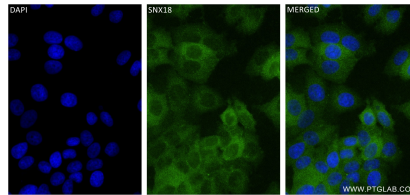
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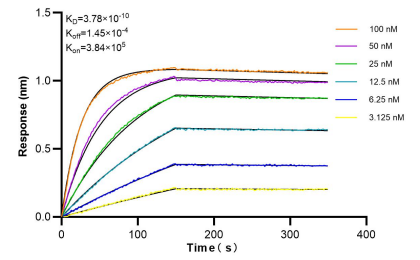
Selected Validation Data



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).



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