

For Research Use Only

SNX18 Polyclonal antibody

Catalog Number: 21946-1-AP



Basic Information

Catalog Number: 21946-1-AP	GenBank Accession Number: BC060791	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 112574	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: sorting nexin 18	
Isotype: IgG	Calculated MW: 628 aa, 69 kDa	
Immunogen Catalog Number: AG16645	Observed MW: 67-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, human placenta tissue, L02 cells, MCF-7 cells
Species Specificity: human	

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).

Storage

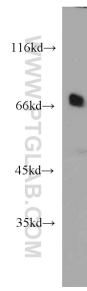
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

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)
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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.