

For Research Use Only

SNX12 Monoclonal antibody

Catalog Number: 68260-1-Ig



Basic Information

Catalog Number: 68260-1-Ig	GenBank Accession Number: BC020559	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 29934	CloneNo.: 2C6C8
Source: Mouse	UNIPROT ID: Q9UMY4	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG2b	Full Name: sorting nexin 12	
Immunogen Catalog Number: AG3014	Calculated MW: 172 aa, 20 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : A549 cells, MCF-7 cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

IF/ICC : HeLa 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. SNX12 (Sorting nexin 12) is localized in early endosomes and SNX12 overexpression specifically prevents the degradative pathway from early to late endosomes/lysosomes (PMID: 22719997). SNX12 may participate in Alzheimer's disease (AD) pathology by regulating the endocytosis of BACE1 and affecting β -processing of APP (PMID: 22709416).

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**

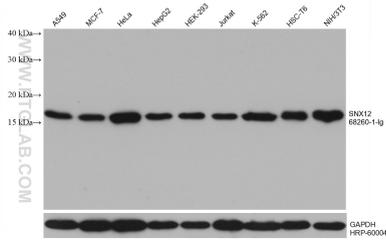
For technical support and original validation data for this product please contact:

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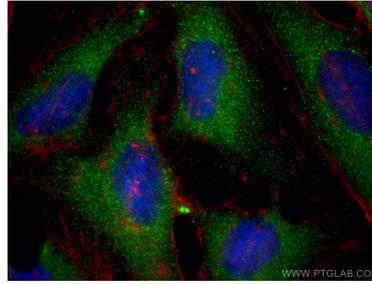
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68260-1-Ig (SNX12 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using SNX12 antibody (68260-1-Ig, Clone: 2C6C8) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-phalloidin (red).