

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: 1000 µg/ml	GeneID (NCBI): 29934	CloneNo.: 2C6C8
Source: Mouse	UNIPROT ID: Q9UMY4	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Full Name: sorting nexin 12	
Immunogen Catalog Number: AG3014	Calculated MW: 172 aa, 20 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications:
WB, 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

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

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

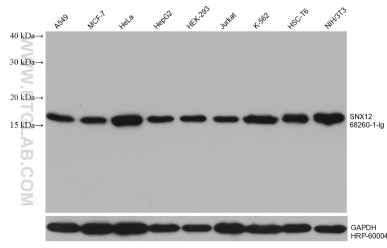
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 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.