

For Research Use Only

SNX12 Monoclonal antibody, PBS Only



Catalog Number: 68260-1-PBS

Basic Information

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|---|--|---|
| Catalog Number: 68260-1-PBS | GenBank Accession Number: BC020559 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 29934 | CloneNo.: 2C6C8 |
| Source: Mouse | UNIPROT ID: Q9UMY4 | |
| 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, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

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

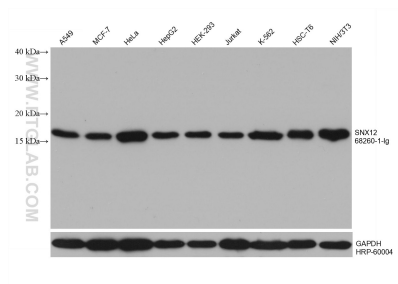
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



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. This data was developed using the same antibody clone with 68260-1-PBS in a different storage buffer formulation.