

For Research Use Only

SNX9 Monoclonal antibody

Catalog Number: 68255-1-Ig



Basic Information

Catalog Number: 68255-1-Ig	GenBank Accession Number: BC005022	Purification Method: Protein A purification
Size: 500 µg/ml	GeneID (NCBI): 51429	CloneNo.: 1B11C9
Source: Mouse	UNIPROT ID: Q9Y5X1	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
Isotype: IgG2a	Full Name: sorting nexin 9	
Immunogen Catalog Number: AG8446	Calculated MW: 595 aa, 67 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : HeLa cells, MCF-7 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells
	IF/ICC : A431 cells,

Background Information

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). They are involved in endocytosis and protein trafficking. SNX9 (Sorting nexin-9, also known as SH3PX1) was originally identified as a protein that interacted with the metalloproteinases ADAM9 and ADAM15. It contains a PX and an Sec homology 3 (SH3) domain. SNX9 functions in clathrin-mediated endocytosis and clathrin-independent, actin-dependent fluid-phase endocytosis (PMID: 17609109). On SDS-PAGE, SNX9 migrates at a molecular weight (70-78 kDa) higher than its calculated molecular mass of 67 kDa (PMID: 15299020; 12952949; 18411244; 15703209).

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:

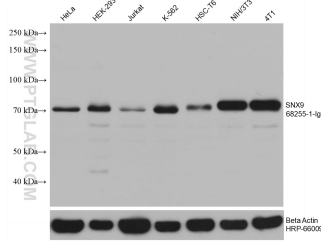
T: 4006900926

E: Proteintech-CN@ptglab.com

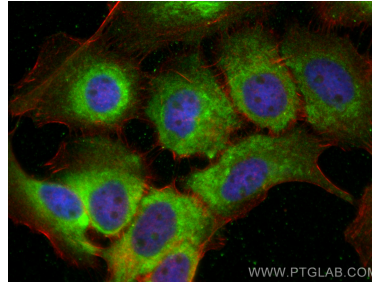
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68255-1-Ig (SNX9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using SNX9 antibody (68255-1-Ig, Clone: 1B11C9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).