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SNX21 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17607c

Product Information

Application	WB, E
Primary Accession	Q969T3
Other Accession	NP_219489.1
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37640
Calculated MW	41365
Antigen Region	210-236

Additional Information

Gene ID	90203
Other Names	Sorting nexin-21, Sorting nexin L, SNX-L, SNX21, C20orf161, SNXL
Target/Specificity	This SNX21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-236 amino acids from the Central region of human SNX21.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SNX21 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SNX21
Synonyms	C20orf161, SNXL
Function	Binds to membranes enriched in phosphatidylinositol 3- phosphate

	(PtdIns(P3)) and phosphatidylinositol 4,5-bisphosphate. May be involved in several stages of intracellular trafficking.
Cellular Location	Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q3UR97}; Peripheral membrane protein; Cytoplasmic side. Early endosome membrane {ECO:0000250|UniProtKB:Q3UR97}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q3UR97}; Cytoplasmic side {ECO:0000250|UniProtKB:Q3UR97}
Tissue Location	Highly expressed in fetus liver, but only weakly expressed in brain, skeleton muscle, smooth muscle, and cardiac muscle, kidney, and adrenal gland.

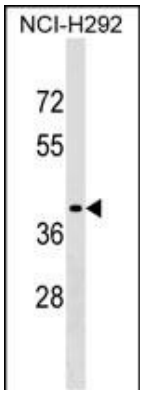
Background

This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like some family members. The specific function of this protein has not been determined. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

References

Zeng, W., et al. Biochem. Biophys. Res. Commun. 299(4):542-548(2002)
Worby, C.A., et al. Nat. Rev. Mol. Cell Biol. 3(12):919-931(2002)
Deloukas, P., et al. Nature 414(6866):865-871(2001)
Xu, Y., et al. Biochem. J. 360 (PT 3), 513-530 (2001) :
Teasdale, R.D., et al. Biochem. J. 358 (PT 1), 7-16 (2001) :

Images



SNX21 Antibody (Center) (Cat. #AP17607c) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the SNX21 antibody detected the SNX21 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.