

ARG42786
anti-SNX4 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SNX4
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SNX4
Species	Human
Immunogen	Synthetic peptide of Human SNX4.
Conjugation	Un-conjugated
Alternate Names	Sorting nexin-4; ATG24B

Application Instructions

Application table	Application	Dilution
	FACS	1:20
	IP	1:20
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NIH/3T3	
Observed Size	~ 54 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

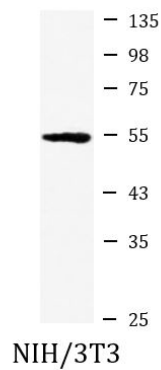
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SNX4
Gene Full Name	sorting nexin 4
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 associated with the long isoform of the leptin receptor and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor in cell cultures, but its function is unknown. This protein may form oligomeric complexes with family members. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Nov 2012]
Function	Involved in the regulation of endocytosis and in several stages of intracellular trafficking (PubMed:12668730). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation. [UniProt]
Calculated Mw	52 kDa
Cellular Localization	Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also detected on a juxtannuclear endocytic recycling compartment (ERC). [UniProt]

Images



ARG42786 anti-SNX4 antibody WB image

Western blot: NIH/3T3 cell lysate stained with ARG42786 anti-SNX4 antibody at 1:1000 dilution.