10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SNX4 Rabbit mAb

Catalog # AP76106

Product Information

Application	WB, FC, IP
Primary Accession	O95219
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	51909

Additional Information

Gene ID	8723
Other Names	SNX4
Dilution	WB~~1:500-1:1000 FC~~1:50-1:100 IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

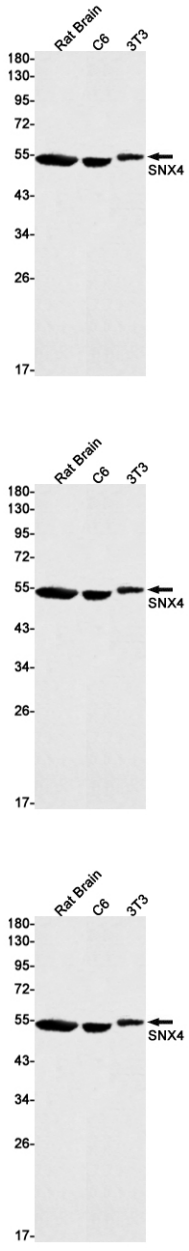
Name	SNX4 {ECO:0000303|PubMed:9819414, ECO:0000312|HGNC:HGNC:11175}
Function	Involved in the regulation of endocytosis and in several stages of intracellular trafficking (PubMed:12668730, PubMed:17994011, PubMed:32513819, PubMed:33468622). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation (PubMed:17994011). Involved in autophagosome assembly by regulating trafficking and recycling of phospholipid scramblase ATG9A (PubMed:32513819, PubMed:33468622).
Cellular Location	Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also detected on a juxtanuclear endocytic recycling compartment (ERC).

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.

Images



Western blot analysis of SNX4 in C6, 3T3, Hela lysates using SNX4 antibody.

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