

Product datasheet for **TA400029**

SH3PX1 (SNX9) Mouse Monoclonal Antibody [Clone ID: OTI2F1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2F1
Applications:	FC
Recommended Dilution:	FC: 1:50
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SNX9(NP_057308) produced in HEK293T cell.
Formulation:	PBS (pH7.4) containing 0.02% NaN ₃ ; store at 4C, do not freeze
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids by affinity chromatography
Conjugation:	PE
Storage:	Store at 4°C.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66.4 kDa
Gene Name:	sorting nexin 9
Database Link:	NP_057308 Entrez Gene 706016 Monkey Entrez Gene 51429 Human Q9Y5X1



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Background:

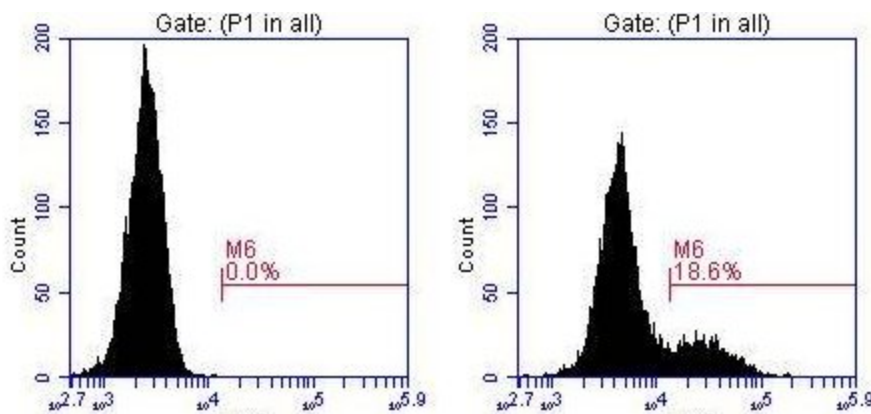
This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like some family members, but does contain a SH3 domain near its N-terminus. This protein interacts with the cytoplasmic domains of the precursor but not the processed forms of a disintegrin and metalloprotease domain 9 and 15. This protein binds the beta-appendage domain of adaptor protein 2 and may function to assist adaptor protein 2 in its role at the plasma membrane. This protein interacts with activated Cdc42-associated kinase-2 to regulate the degradation of epidermal growth factor receptor protein. [provided by RefSeq]

Synonyms:

SDP1; SH3PX1; SH3PXD3A; WISP

Protein Families:

Druggable Genome

Product images:

HEK293T cells transfected with either [RC202822] overexpress plasmid (right) or empty vector control plasmid (left) were fixed with 2% PFA and permeabilized with 0.1% saponin before stained with TA400029.