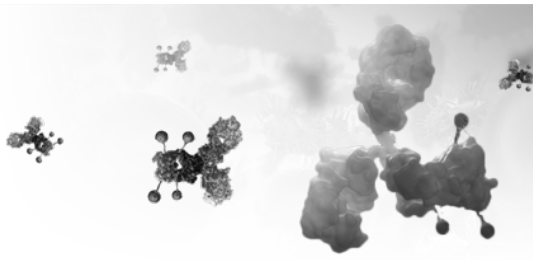

Anti-SNX9 monoclonal antibody, clone FQS25400 (DCABH-7365)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to SH3PX1
Antigen Description	May be involved in several stages of intracellular trafficking. Plays a role in endocytosis via clathrin-coated pits, but also clathrin-independent, actin-dependent fluid-phase endocytosis. Plays a role in macropinocytosis. Promotes internalization of TNFR. Promotes degradation of EGFR after EGF signaling. Stimulates the GTPase activity of DNM1. Promotes DNM1 oligomerization. Promotes activation of the Arp2/3 complex by WASL, and thereby plays a role in the reorganization of the F-actin cytoskeleton. Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate and promotes membrane tubulation. Has lower affinity for membranes enriched in phosphatidylinositol 3-phosphate.
Immunogen	Recombinant fragment within Human SH3PX1 aa 50-200. The exact sequence is proprietary.Database link: Q9Y5X1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS25400
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF, Flow Cyt, IP
Positive Control	HeLa and HCT-116 cells and cell lysates; Human colon tissue.
Format	Liquid
Size	100 µl

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Buffer	Preservative: 0.01% Sodium azide; Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	SNX9 sorting nexin 9 [Homo sapiens]
Official Symbol	SNX9
Synonyms	SNX9; sorting nexin 9; sorting nexin-9; SDP1; SH3PX1; SH3PXD3A; SH3 and PX domain-containing protein 1; SH3 and PX domain-containing protein 3A; SH3 and PX domain-containing protein SH3PX1; Wiskott-Aldrich syndrome protein (WASP) interactor protein; WISP;
Entrez Gene ID	51429
Protein Refseq	NP_057308
UniProt ID	Q9Y5X1
Chromosome Location	6q25.1-q26
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	1-phosphatidylinositol binding; lipid binding; protein binding; protein homodimerization activity; ubiquitin protein ligase binding;

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