

SNX9 polyclonal antibody

Catalog # PAB6982

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SNX9.
Immunogen	A synthetic peptide corresponding to internal region of human SNX9.
Sequence	C-HKGAIEKVKESDK
Host	Goat
Reactivity	Human
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Concentration	0.5 mg/mL
Recommend Usage	Peptide ELISA (antibody detection limit dilution 1:4000) Immunofluorescence (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

Gene Info — SNX9

Entrez GeneID [51429](#)

Protein Accession# [NP_057308.1](#)

Gene Name SNX9

Gene Alias MST155, MSTP155, SDP1, SH3PX1, SH3PXD3A, WISP

Gene Description sorting nexin 9

Omim ID [605952](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000040083|SH3 and PX domain-containing protein SH3PX1|Wiskott-Aldrich syndrome protein (WASP) interactor protein

Publication Reference

- [SNX9 regulates dynamin assembly and is required for efficient clathrin-mediated endocytosis.](#)

Soulet F, Yazar D, Leonard M, Schmid SL.

Molecular Biology of the Cell 2005 Apr; 16(4):2058.

Application: IF, Human, HeLa cells

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Tobacco Use Disorder](#)