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SNX9 Rabbit mAb
Catalog # AP76079

Specification

SNX9 Rabbit mAb - Product Information

Application	**WB, IHC-P, IHC-F, IP, ICC**
Primary Accession	Q9Y5X1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**66592**

SNX9 Rabbit mAb - Additional Information

Gene ID 51429

Other Names
SNX9

Dilution
WB~~1/500-1/1000
IHC-P~~N/A
IHC-F~~N/A
IP~~1/20
ICC~~N/A

Format
Liquid

SNX9 Rabbit mAb - Protein Information

Name SNX9

Synonyms SH3PX1, SH3PXD3A

Function
Involved in endocytosis and intracellular vesicle trafficking, both during interphase and at the end of mitosis. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. 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.

Cellular Location

Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle, clathrin-coated vesicle. Golgi apparatus, trans-Golgi network. Cell projection, ruffle. Cytoplasm Note=Localized at sites of endocytosis at the cell membrane. Detected on newly formed macropinosomes. Transiently recruited to clathrin- coated pits at a late stage of clathrin-coated vesicle formation Colocalizes with the actin cytoskeleton at the cell membrane

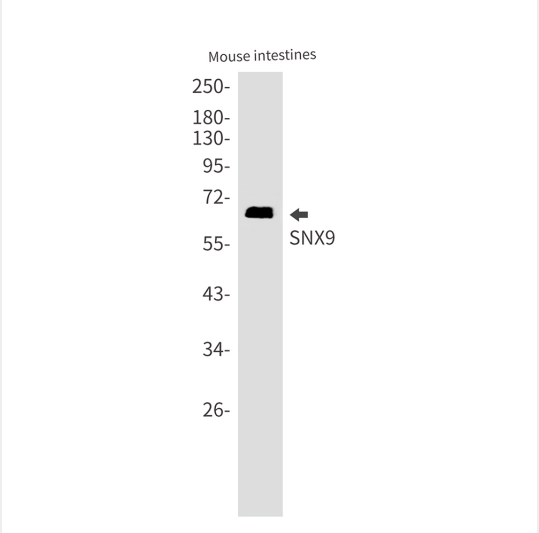
Tissue Location
Widely expressed, with highest levels in heart and placenta, and lowest levels in thymus and peripheral blood leukocytes

SNX9 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SNX9 Rabbit mAb - Images



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