

Anti-Human /Mouse SNX9 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03007

3th Edition

Description: This gene encodes a member of the sorting nexin family. Members of this family contain a phosphoinositide binding domain, and are involved in intracellular trafficking. The encoded protein does not contain a coiled coil region, like some family members, but does contain a SRC homology domain near its N-terminus. The encoded protein is reported to have a variety of interaction partners, including of adaptor protein 2, dynamin, tyrosine kinase non-receptor 2, Wiskott-Aldrich syndrome-like, and ARP3 actin-related protein 3. The encoded protein is implicated in several stages of intracellular trafficking, including endocytosis, macropinocytosis, and F-actin nucleation. SNX9 (Sorting Nexin 9) is a Protein Coding gene. Diseases associated with SNX9 include Wiskott-Aldrich Syndrome. Among its related pathways are Clathrin derived vesicle budding and Vesicle-mediated transport. GO annotations related to this gene include protein homodimerization activity and phosphatidylinositol binding. An important paralog of this gene is SNX33.

Antigen: Recombinant protein of human SNX9

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Widely expressed, with highest levels in heart and placenta, and lowest levels in thymus and peripheral blood leukocytes. 1 Publication