BACKGROUND

Sorting nexin (SNX) proteins are members of a large family of hydrophilic proteins that interact with a variety of receptor types, are involved in intracellular trafficking and contain a characteristic phox homology (PX) domain. SNX27, a 541 amino acid protein localized to the cytoplasm and early endosome, contains the characteristic PX domain, a Ras-associating domain and a PDZ domain, which is responsible for vesicular localization. Expressed in cells of hematopoietic origin, SNX27 recruits CYTIP and SR-4 to participate in endocytic trafficking and recycling pathways. Four named isoforms of SNX27 exist as a result of alternative splicing events.

REFERENCES


CHROMOSOMAL LOCATION

Genetic locus: SNX27 (human) mapping to 1q21.3; Snx27 (mouse) mapping to 3 F2.1.

SOURCE

SNX27 (1C6) is a mouse monoclonal antibody raised against recombinant SNX27 of mouse origin.

PRODUCT

Each vial contains 200 µg IgG kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.