SNX6 Mouse mAb

Catalog No	YP-mAb-19192
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SNX6
Protein Name	Sorting nexin-6 (TRAF4-associated factor 2)
Immunogen	Synthesized peptide derived from human SNX6
Specificity	This antibody detects endogenous levels of SNX6 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	45kD
Cell Pathway	Early endosome . Early endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle . Cytoplasm . Nucleus . Interaction with SNX1 or SNX2 promotes location at endosome membranes (PubMed:19935774). Only a minor proportion is seen in the nucleus. .
Tissue Specificity	
Function	Involved in several stages of intracellular trafficking. Interacts with membranes phosphatidylinositol 3,4-bisphosphate and/or phosphatidylinositol 4,5-bisphosphate (Probable). Acts in part as component of the retromer membrane-deforming SNX-BAR subcomplex . The SNX-BAR retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX-BAR subcomplex functions to deform the donor membrane into a tubular profile called endosome-to-TGN transport carrier (ETC) (Probable). Does not have in vitro vesicle-to-membrane remodeling activity . Involved in retrograde endosome-to-TGN transport of lysosomal enzyme receptor IGF2R . May function as link between transport vesicles and dynactin (Probable).

	Negatively regulates retrograde transport of BACE1 from the cell surface to the trans-Golgi network . Involved in E-cadherin sorting and degradation; inhibits PIP5K1C isoform 3-mediated E-cadherin degradation . In association with GIT1 involved in EGFR degradation. Promotes lysosomal degradation of CDKN1B (By similarity). May contribute to transcription regulation (Probable).
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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