10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SNX10 (18M9) Mouse Monoclonal antibody

SNX10 (18M9) Mouse Monoclonal antibody
Catalog # AP93869

Product Information

Application	WB
Primary Accession	Q9Y5X0
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Calculated MW	23598

Additional Information

Gene ID	29887
Other Names	Sorting nexin-10, SNX10
Dilution	WB~~1:1000
Storage Conditions	-20℃

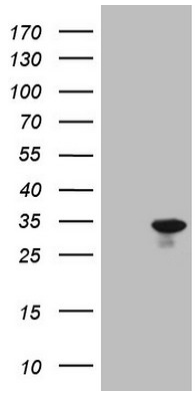
Protein Information

Name	SNX10
Function	Probable phosphoinositide-binding protein involved in protein sorting and membrane trafficking in endosomes. Plays a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium. Required for the localization to the cilium of V-ATPase subunit ATP6V1D and ATP6V0D1, and RAB8A. Involved in osteoclast differentiation and therefore bone resorption.
Cellular Location	Cytoplasm. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=May also localize to nucleus and endoplasmic reticulum

Background

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. This gene may play a role in regulating endosome homeostasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Images



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SNX10 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNX10 (1:2000). Positive lysates (100ug) and (20ug) can be purchased separately from biodragon.