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SNX10 (5V11) Mouse Monoclonal antibody

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Catalog # AP93870

Product Information

Application	WB, IHC
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 IHC~~1:100~500
Storage Conditions	-20℃

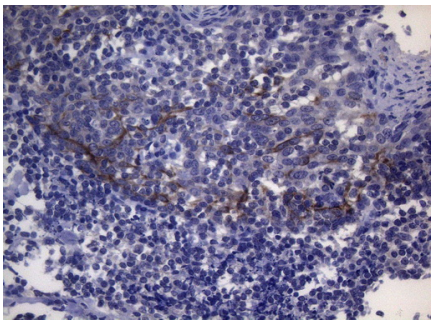
Protein Information

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

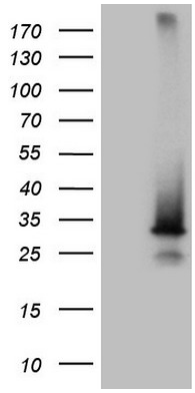
Background

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



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-SNX10 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, AP93870) (1:150)



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 (Cat# AP93870)(1:2000). Positive lysates (100ug) and (20ug) can be purchased separately from biodragon.