

Product datasheet for **TA501250AM**

SH3PX1 (SNX9) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OT11E2]

Product data:

| | |
|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OT11E2 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:1000~2000, IHC 1:50, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Dog, Monkey, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human SNX9(NP_057308) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 66.4 kDa |
| Gene Name: | sorting nexin 9 |
| Database Link: | NP_057308 Entrez Gene 66616 Mouse Entrez Gene 683687 Rat Entrez Gene 476254 Dog Entrez Gene 706016 Monkey Entrez Gene 51429 Human Q9Y5X1 |



[View online »](#)

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, but does contain a SH3 domain near its N-terminus. This protein interacts with the cytoplasmic domains of the precursor but not the processed forms of a disintegrin and metalloprotease domain 9 and 15. This protein binds the beta-appendage domain of adaptor protein 2 and may function to assist adaptor protein 2 in its role at the plasma membrane. This protein interacts with activated Cdc42-associated kinase-2 to regulate the degradation of epidermal growth factor receptor protein.

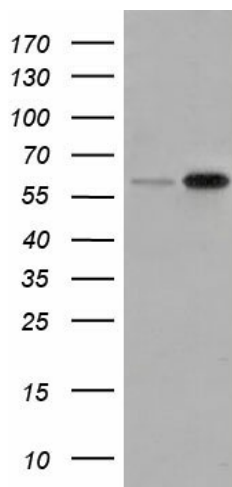
Synonyms:

SDP1; SH3PX1; SH3PXD3A; WISP

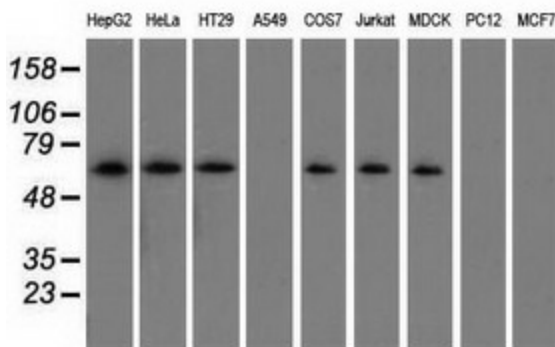
Protein Families:

Druggable Genome

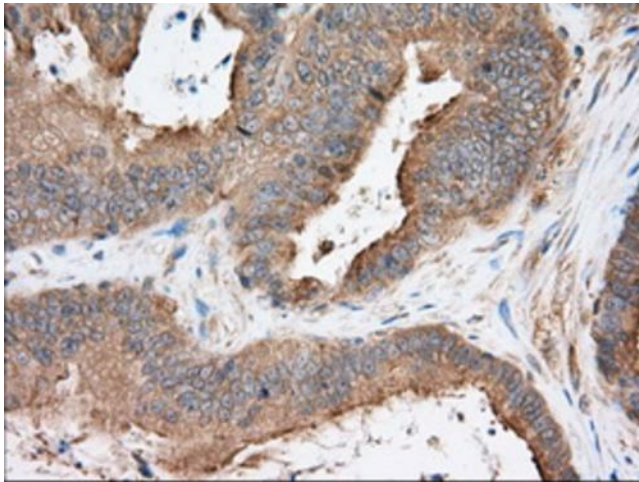
Product images:



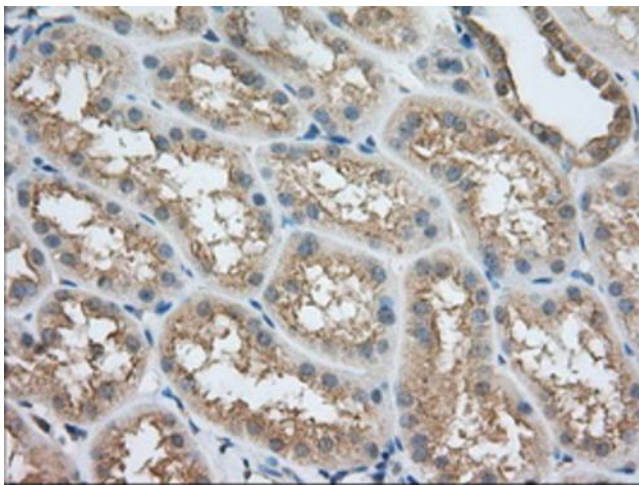
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SNX9 (Cat# [RC202822], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNX9 (Cat# [TA501250]). Positive lysates [LY402520] (100ug) and [LC402520] (20ug) can be purchased separately from OriGene.



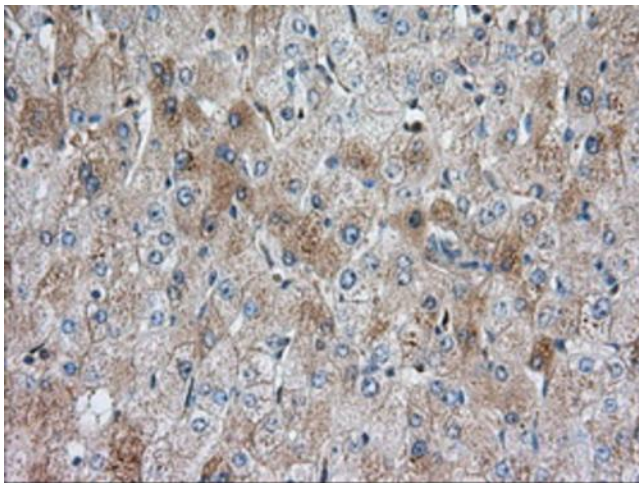
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SNX9 monoclonal antibody.



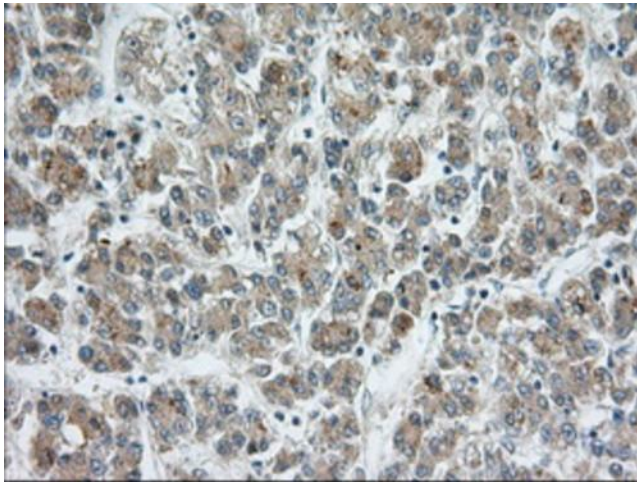
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-SNX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501250], Dilution 1:50)



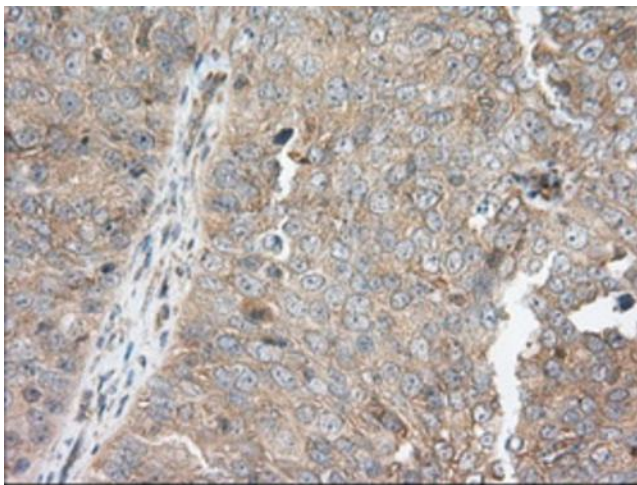
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SNX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501250], Dilution 1:50)



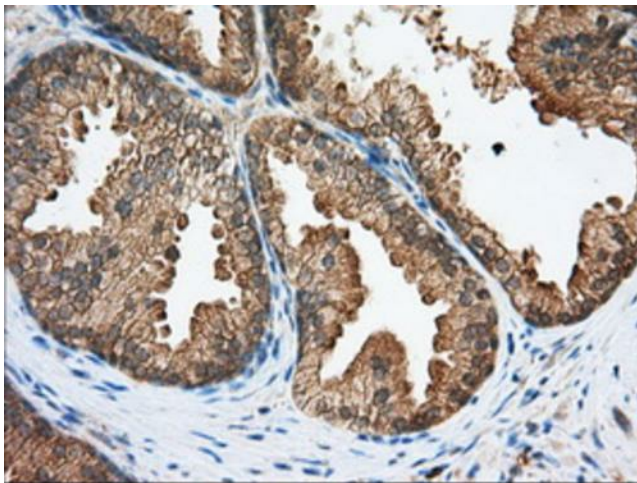
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SNX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501250], Dilution 1:50)



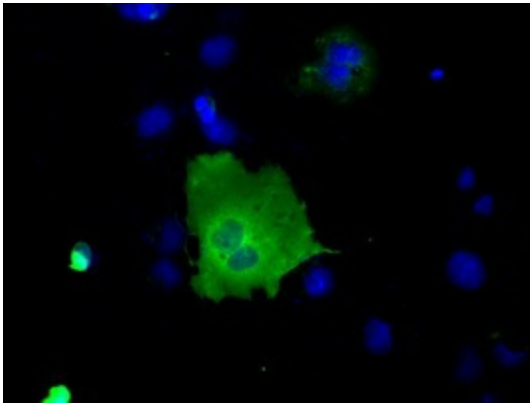
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SNX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501250], Dilution 1:50)



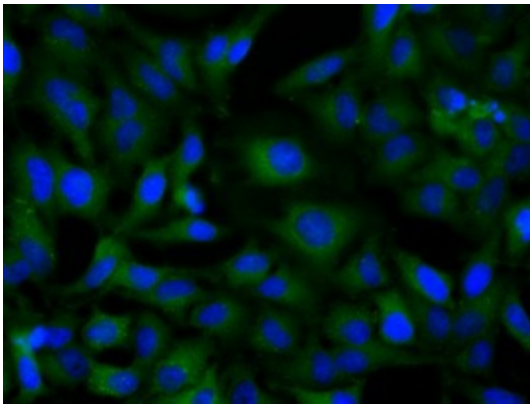
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SNX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501250], Dilution 1:50)



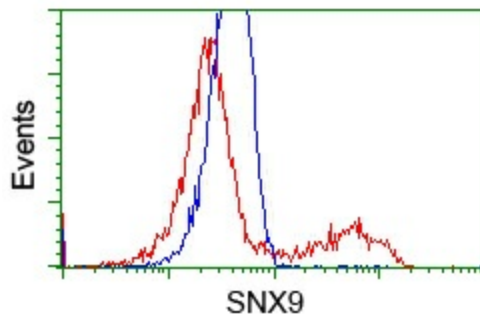
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-SNX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501250], Dilution 1:50)



Anti-SNX9 mouse monoclonal antibody ([TA501250]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SNX9 ([RC202822]).



Immunofluorescent staining of HeLa cells using anti-SNX9 mouse monoclonal antibody ([TA501250]).



HEK293T cells transfected with either [RC202822] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SNX9 antibody ([TA501250]), and then analyzed by flow cytometry.