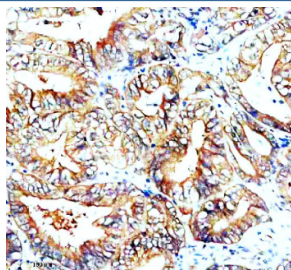


## SNX2 Antibody / Sorting nexin 2 (FY12998)

Catalog No.	Formulation	Size
FY12998	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml	100 ug

**Bulk quote request**

<b>Availability</b>	1-2 days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Lyophilized
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
<b>UniProt</b>	O60749
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Western Blot : 0.25-0.5ug/ml Immunohistochemistry : 2-5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This SNX2 antibody is available for research use only.



Immunohistochemical staining of SNX2 using anti-SNX2 antibody. SNX2 was detected in a paraffin-embedded section of human colon cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-SNX2 antibody overnight at 4oC. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37oC. The tissue section was developed using an HRP secondary and DAB substrate.



altered cell signaling. SNX2 has also been implicated in pathogen entry and immune receptor trafficking.

SNX2 antibody is widely used in membrane trafficking, signal transduction, and endocytosis research. It is suitable for immunoblotting, immunofluorescence, and subcellular localization studies to visualize endosomal compartments. In neurobiology, SNX2 detection supports studies of synaptic vesicle recycling and neurodegenerative disorders linked to retromer dysfunction. Its expression is also examined in cancer biology, where altered trafficking contributes to aberrant receptor signaling and invasion.

Structurally, SNX2 functions as a dimer that induces membrane tubulation and curvature through its BAR domain, while its PX domain anchors the complex to phosphoinositide-rich membranes. NSJ Bioreagents provides SNX2 antibody reagents validated for use in vesicle transport, endosomal sorting, and receptor recycling studies.

## Application Notes

Optimal dilution of the SNX2 antibody should be determined by the researcher.

## Immunogen

E.coli-derived human SNX2 recombinant protein (Position: M1-K506) was used as the immunogen for the SNX2 antibody.

## Storage

After reconstitution, the SNX2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.