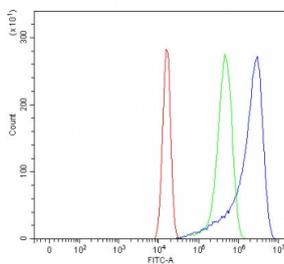


Sorting Nexin 5 Antibody / SNX5 (RQ7729)

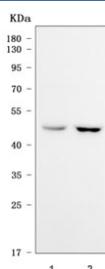
Catalog No.	Formulation	Size
RQ7729	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y5X3
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Sorting Nexin 5 antibody is available for research use only.



Flow cytometry testing of human U-2 OS cells with Sorting Nexin 5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Sorting Nexin 5 antibody.



Western blot testing of human 1) 293T and 2) K562 cell lysate with Sorting Nexin 5 antibody. Predicted molecular weight ~47 kDa.

Description

Sorting nexin-5 is a protein that in humans is encoded by the SNX5 gene. 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 functions in endosomal sorting, the phosphoinositide-signaling pathway, and macropinocytosis. This gene may play a role in the tumorigenesis of papillary thyroid carcinoma. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the Sorting Nexin 5 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids H50-N404) was used as the immunogen for the Sorting Nexin 5 antibody.

Storage

After reconstitution, the Sorting Nexin 5 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.