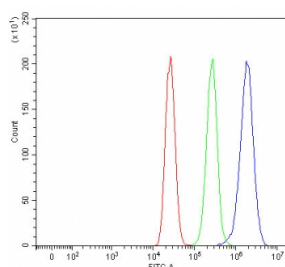


## Sorting nexin 9 Antibody / SNX9 / SH3PX1 (RQ7745)

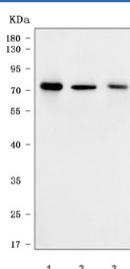
Catalog No.	Formulation	Size
RQ7745	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9Y5X1
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Sorting nexin 9 antibody is available for research use only.



Flow cytometry testing of human MCF7 cells with Sorting nexin 9 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Sorting nexin 9 antibody.



Western blot testing of human 1) K562, 2) 293T and 3) placenta tissue lysate with Sorting nexin 9 antibody. Predicted molecular weight ~67 kDa, commonly observed at 67-78 kDa.

## Description

Sorting nexin-9 is a protein that in humans is encoded by the SNX9 gene. This gene encodes a member of the sorting nexin family. Members of this family contain a phosphoinositide binding domain, and are involved in intracellular trafficking. The encoded protein does not contain a coiled coil region, like some family members, but does contain a SRC homology domain near its N-terminus. The encoded protein is reported to have a variety of interaction partners, including of adaptor protein 2, dynamin, tyrosine kinase non-receptor 2, Wiskott-Aldrich syndrome-like, and ARP3 actin-related protein 3. The encoded protein is implicated in several stages of intracellular trafficking, including endocytosis, macropinocytosis, and F-actin nucleation.

## Application Notes

Optimal dilution of the Sorting nexin 9 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids F211-Q573) was used as the immunogen for the Sorting nexin 9 antibody.

## Storage

After reconstitution, the Sorting nexin 9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.