

## ARG63919 anti-SNX9 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SNX9
Tested Reactivity	Hu
Predict Reactivity	Ms, Dog
Tested Application	ICC/IF
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SNX9
Species	Human
Immunogen	C-HKGAIEKVKESDK
Conjugation	Un-conjugated
Alternate Names	SDP1; SH3 and PX domain-containing protein 3A; SH3PX1; WISP; Sorting nexin-9; SH3 and PX domain-containing protein 1; Protein SDP1; SH3PXD3A

### Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 51429 Human](#)

[Swiss-port # Q9Y5X1 Human](#)

### 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. [provided by RefSeq, Jul 2008]

### Research Area

Signaling Transduction antibody

### Calculated Mw

67 kDa

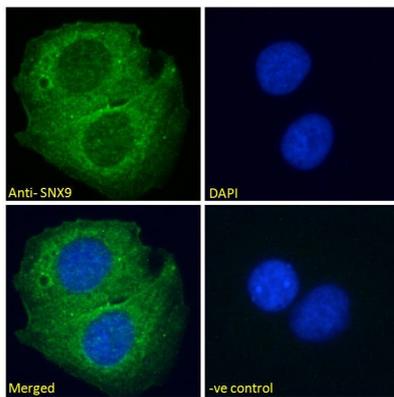
### PTM

Ubiquitinated by ITCH.

Phosphorylated on tyrosine residues by TNK2. Phosphorylation promotes its activity in the degradation of EGFR.

## Images

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ARG63919 anti-SNX9 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG63919 anti-SNX9 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.