

**DATASHEET**

**SNX18 Rabbit Polyclonal Antibody**

CAT. NO. APA13905

**KEY FEATURES**

Target	SNX18	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Involved in endocytosis and intracellular vesicle trafficking, both during interphase and at the end of mitosis . Required for efficient progress through mitosis and cytokinesis . Required for normal formation of the cleavage furrow at the end of mitosis . Plays a role in endocytosis via clathrin-coated pits, but also clathrin-independent, actin-dependent fluid-phase endocytosis . Plays a role in macropinocytosis . Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate and promotes membrane tubulation . Stimulates the GTPase activity of DNM2 . Promotes DNM2 location at the plasma membrane . Together with DNM2, involved in autophagosome assembly by regulating trafficking from recycling endosomes of phospholipid scramblase ATG9A .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

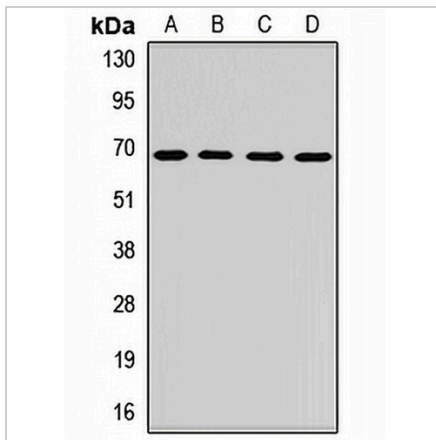
Description	Rabbit polyclonal antibody to SNX18
Specificity	Recognizes endogenous levels of SNX18 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SNX18
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 64; Observed: 69 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	SH3PXD3B; SNAG1; Sorting nexin-18; SH3 and PX domain-containing protein 3B; Sorting nexin-associated Golgi protein 1
Gene Symbol	SNX18
Entrez Gene	112574(Human)
SwissProt	Q96RF0(Human); Q91ZR2(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of SNX18 expression in A549 (A), HeLa (B), mouse kidney (C), rat kidney (D) whole cell lysates. (Predicted band size: 64; 68; 69 kD; Observed band size: 69 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.