

DATASHEET

SNX32 Rabbit Polyclonal Antibody

CAT. NO. APA13211

KEY FEATURES

Target	SNX32	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IF/ICC	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 endosomal trafficking of cargo proteins, including transferrin-bound transferrin receptor (TFRC), cation-independent mannose-6-phosphate receptor (IGF2R) and epidermal growth factor receptor (EGFR) , cation-independent mannose-6-phosphate receptor (IGF2R) and epidermal growth factor receptor (EGFR) . Functions redundantly with other BAR domain-containing sorting nexins in endosome to trans-Golgi network transport of IGF2R . Regulates in coordination with SNX5 sorting and trafficking of EGF-activated EGFR to multivesicular bodies for lysosomal degradation . Plays an essential role in neurite outgrowth, controlling basigin/EMMPRIN (BSG) trafficking to the cell surface .

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
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to SNX32
Specificity	Recognizes endogenous levels of SNX32 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SNX32
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 31; Observed: 46 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	SNX6B; Sorting nexin-32; Sorting nexin-6B
Gene Symbol	SNX32
Entrez Gene	254122(Human); 225861(Mouse)
SwissProt	Q86XE0(Human); Q80ZJ7(Mouse)

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

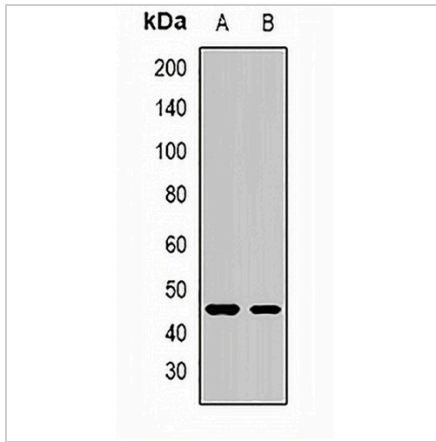
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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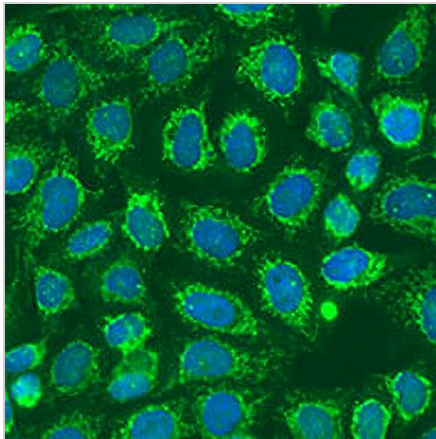
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Western blot analysis of SNX32 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 31; 46 kD; Observed band size: 46 kD)



Immunofluorescent analysis of SNX32 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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.