

SNX32 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56128

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q86XE0
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46399

Additional Information

Gene ID	254122
Other Names	Sorting nexin-32, Sorting nexin-6B, SNX32, SNX6B
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SNX32
Synonyms	SNX6B
Function	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) (PubMed: 37158588 , PubMed: 39073202). Functions redundantly with other BAR domain-containing sorting nexins in endosome to trans-Golgi network transport of IGF2R (PubMed: 39073202). Regulates in coordination with SNX5 sorting and trafficking of EGF-activated EGFR to multivesicular bodies for lysosomal degradation (PubMed: 39073202). Plays an essential role in neurite outgrowth, controlling basigin/EMMPRIN (BSG) trafficking to the cell surface (By similarity).
Cellular Location	Cell membrane. Early endosome. Golgi apparatus, trans-Golgi network. Recycling endosome Late endosome

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