

ANKFY1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15383**Specification**

ANKFY1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9P2R3
Other Accession	NM_020740 , NP_065791
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

ANKFY1 Antibody - C-terminal region - Additional Information**Gene ID** 51479**Alias Symbol** ANKHZN, DKFZp686M19106, KIAA1255, ZFYVE14**Other Names**

Rabankyrin-5, Rank-5, Ankyrin repeat and FYVE domain-containing protein 1, Ankyrin repeats hooked to a zinc finger motif, ANKFY1, ANKHZN, KIAA1255

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ANKFY1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ANKFY1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ANKFY1 Antibody - C-terminal region - Protein Information**Name** ANKFY1**Synonyms** ANKHZN, KIAA1255**Function**

Proposed effector of Rab5. Binds to phosphatidylinositol 3- phosphate (PI(3)P). Involved in homotypic early endosome fusion and to a lesser extent in heterotypic fusion of clathrin-coated vesicles with early endosomes. Involved in macropinocytosis; the function is dependent on Rab5-GTP. Required for correct endosomal localization. Involved in the internalization and trafficking of activated tyrosine kinase receptors such as PDGFRB. Regulates the subcellular localization of the retromer complex in a EHD1-dependent manner. Involved in endosome-to-Golgi

transport and biosynthetic transport to late endosomes and lysosomes indicative for a regulation of retromer complex-mediated retrograde transport.

Cellular Location

Cytoplasm. Endosome membrane; Peripheral membrane protein. Early endosome. Note=Also associated with endosomal membranes. Localizes to macropinosomes.

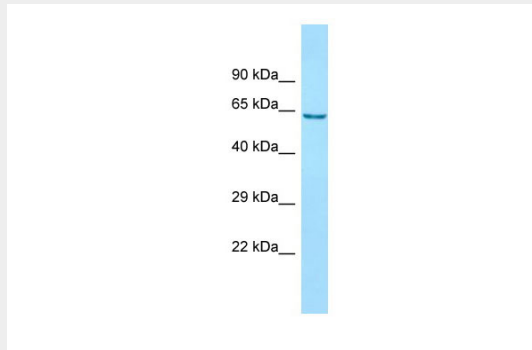
Tissue Location

High expression in whole adult brain and intermediate expression in all other tissues and specific brain regions examined, including fetal brain.

ANKFY1 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANKFY1 Antibody - C-terminal region - Images

WB Suggested Anti-ANKFY1 Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole CellANKFY1 is supported by BioGPS gene expression data to be expressed in 721_B