

ANKS4B Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14720C**Specification**

ANKS4B Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8N8V4
Other Accession	NP_665872.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	46597
Antigen Region	184-213

ANKS4B Antibody (Center) - Additional Information**Gene ID** 257629**Other Names**

Ankyrin repeat and SAM domain-containing protein 4B, Harmonin-interacting ankyrin repeat-containing protein, Harp, ANKS4B, HARP

Target/Specificity

This ANKS4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-213 amino acids from the Central region of human ANKS4B.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ANKS4B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ANKS4B Antibody (Center) - Protein Information**Name** ANKS4B ([HGNC:26795](#))**Function** As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush

border differentiation, controlling microvilli organization and length. Plays a role in assembly of the complex (PubMed:[26812018](#)). May play a role in cellular response to endoplasmic reticulum stress (By similarity).

Cellular Location

Cell projection, microvillus Note=Localizes at the tip of microvilli (PubMed:26812018, PubMed:32209652). May associate with endoplasmic reticulum membranes (By similarity). {ECO:0000250|UniProtKB:Q8K3X6, ECO:0000269|PubMed:26812018, ECO:0000269|PubMed:32209652}

Tissue Location

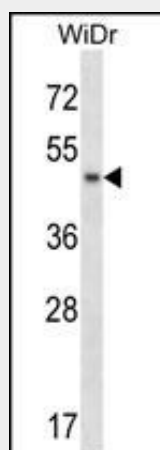
Expressed in kidney and small intestine.

ANKS4B Antibody (Center) - 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](#)

ANKS4B Antibody (Center) - Images



ANKS4B Antibody (Center) (Cat. #AP14720c) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the ANKS4B antibody detected the ANKS4B protein (arrow).

ANKS4B Antibody (Center) - Background

The function of this protein remains unknown.

ANKS4B Antibody (Center) - References

Johnston, A.M., et al. Genes Cells 9(10):967-982(2004)
Weil, D., et al. Hum. Mol. Genet. 12(5):463-471(2003)