10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CB086 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10783b

Specification

CB086 Antibody (C-term) Blocking peptide - Product Information

Primary Accession O95876

CB086 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 51057

Other Names
WD repeat-containing and planar cell polarity effector protein fritz homolog, hFRTZ, Bardet-Biedl syndrome 15 protein, WD repeat-containing and planar cell polarity effector protein, WDPCP, BBS15, C2orf86, FRITZ

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CB086 Antibody (C-term) Blocking peptide - Protein Information

Name WDPCP

Synonyms BBS15, C2orf86, FRITZ

Function
Probable effector of the planar cell polarity signaling pathway which regulates the septin cytoskeleton in both ciliogenesis and collective cell movements. Together with FUZ and WDPCP proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (By similarity).

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q32NR9}. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q32NR9} Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q32NR9}

CB086 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CB086 Antibody (C-term) Blocking peptide - Images

CB086 Antibody (C-term) Blocking peptide - Background

The C2ORF86 gene encodes an ortholog of Drosophila'fritz,' a cytoplasmic WD40 repeat protein that controls planarcell polarity (summarized by Kim et al., 2010 [PubMed20671153]).

CB086 Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Kim, S.K., et al. Science 329(5997):1337-1340(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Eeles, R.A., et al. Nat. Genet. 41(10):1116-1121(2009)Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) :