

**CB086 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10783b****Specification**

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**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**

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 planar cell 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) :