

**C21orf59 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13024b****Specification**

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**C21orf59 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P57076](#)**C21orf59 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 56683**Other Names**

UPF0769 protein C21orf59, C21orf59, C21orf48

**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.

**C21orf59 Antibody (C-term) Blocking peptide - Protein Information****Name** CFAP298 ([HGNC:1301](#))**Synonyms** C21orf48, C21orf59**Function**

Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly (PubMed:<a href="http://www.uniprot.org/citations/24094744" target="\_blank">24094744</a>). Seems to be important for initiation rather than maintenance of cilium motility (By similarity). Required for correct positioning of the cilium at the apical cell surface, suggesting an additional role in the planar cell polarity (PCP) pathway (By similarity). May suppress canonical Wnt signaling activity (By similarity).

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:A0A1L8HCK2}. Note=Partially colocalized with SASS6 in cytoplasmic puncta, suggesting a centrosomal localization {ECO:0000250|UniProtKB:Q5U3Z0}

**C21orf59 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **C21orf59 Antibody (C-term) Blocking peptide - Images**

#### **C21orf59 Antibody (C-term) Blocking peptide - Background**

The function of the C21orf59 protein remains unknown.

#### **C21orf59 Antibody (C-term) Blocking peptide - References**

Denoeud, F., et al. Genome Res. 17(6):746-759(2007)Lamesch, P., et al. Genomics  
89(3):307-315(2007)Hu, Y.H., et al. BMC Genomics 7, 155 (2006) :Rush, J., et al. Nat. Biotechnol.  
23(1):94-101(2005)Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)