



## C21orf59 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP13024b

### **Specification**

C21orf59 Antibody (C-term) Blocking peptide - Product Information

Primary Accession <u>P57076</u>

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 (<u>HGNC:1301</u>)

Synonyms C21orf48, C21orf59

### **Function**

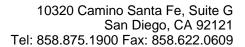
Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly (PubMed:<a href="http://www.uniprot.org/citations/24094744" target="\_blank">24094744" target="\_blank">24094744</a>). Seems to be important for initiation rather than maintenance of cilium motility (By similarity). Required for correct positioning

# 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)





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