

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

C21orf59 Antibody (C-term) Blocking peptide - Product InformationPrimary 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 InformationName CFAP298 ([HGNC:1301](#))

Synonyms C21orf48, C21orf59

Function

Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly (PubMed:24094744). 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)