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

C21orf59 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13024b

Specification

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: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)