

CCDC19 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10437a**Specification**

CCDC19 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9UL16](#)
Other Accession [NP_036469.2](#)

CCDC19 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 25790

Other Names

Protein CFAP45, mitochondrial, Cilia- and flagella-associated protein 45 {ECO:0000312|HGNC:HGNC:17229}, Coiled-coil domain-containing protein 19, Nasopharyngeal epithelium-specific protein 1 {ECO:0000312|EMBL:AAD558171}, CFAP45 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17229)

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.

CCDC19 Antibody (N-term) Blocking peptide - Protein Information

Name CFAP45 ([HGNC:17229](#))

Function

Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed: [36191189](http://www.uniprot.org/citations/36191189)). It is an AMP-binding protein that may facilitate dynein ATPase-dependent ciliary and flagellar beating via adenine nucleotide homeostasis. May function as a donor of AMP to AK8 and hence promote ADP production (PubMed: [33139725](http://www.uniprot.org/citations/33139725)).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, flagellum axoneme
Note=Located in the proximal region of respiratory cilia

Tissue Location

Expressed in respiratory cells and in sperm (at protein level) (PubMed:33139725). Expressed in nasopharyngeal epithelium and trachea (PubMed:10524255).

CCDC19 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CCDC19 Antibody (N-term) Blocking peptide - Images

CCDC19 Antibody (N-term) Blocking peptide - References

Li, Z., et al. Gene 237(1):235-240(1999)