

CCDC39 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11039b**Specification**

CCDC39 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9UFE4](#)
Other Accession [NP_852091.1](#)

CCDC39 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 339829

Other Names

Coiled-coil domain-containing protein 39, CCDC39

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.

CCDC39 Antibody (C-term) Blocking peptide - Protein Information

Name CCDC39 ([HGNC:25244](#))

Function

Required for assembly of dynein regulatory complex (DRC) and inner dynein arm (IDA) complexes, which are responsible for ciliary beat regulation, thereby playing a central role in motility in cilia and flagella (PubMed:21131972). Probably acts together with CCDC40 to form a molecular ruler that determines the 96 nanometer (nm) repeat length and arrangements of components in cilia and flagella (By similarity). Not required for outer dynein arm complexes assembly (PubMed:21131972).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Note=CCDC40 is required for localization to axonemes.

Tissue Location

Mainly expressed in nasal brushings and, to a lesser extent, in lungs and testis.

CCDC39 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CCDC39 Antibody (C-term) Blocking peptide - Images

CCDC39 Antibody (C-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)