

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

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**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:<a href="http://www.uniprot.org/citations/21131972" target="\_blank">21131972</a>). 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:<a href="http://www.uniprot.org/citations/21131972" target="\_blank">21131972</a>).

**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)