

C2orf39 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10326b**Specification**

C2orf39 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O96MC2](#)
Other Accession [NP_659475.2](#)

C2orf39 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 92749

Other Names

Dynein regulatory complex protein 1, Coiled-coil domain-containing protein 164, DRC1, C2orf39, CCDC164

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.

C2orf39 Antibody (C-term) Blocking peptide - Protein Information

Name DRC1

Synonyms C2orf39, CCDC164

Function

Component of the nexin-dynein regulatory complex (N-DRC) a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes (By similarity). Plays a critical role in the assembly of N-DRC and also stabilizes the assembly of multiple inner dynein arms and radial spokes (PubMed:23354437, PubMed:34169321). Coassembles with CCDC65/DRC2 to form a central scaffold needed for assembly of the N-DRC and its attachment to the outer doublet microtubules (PubMed:23354437).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:P0DL09}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:P0DL09}

C2orf39 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C2orf39 Antibody (C-term) Blocking peptide - Images**C2orf39 Antibody (C-term) Blocking peptide - References**

Hillier, L.W., et al. Nature 434(7034):724-731(2005)