

C14orf45 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5115c**Specification**

C14orf45 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8ND07](#)

C14orf45 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 80127

Other Names

Basal body-orientation factor 1, Coiled-coil domain-containing protein 176, CCDC176, BBOF1, C14orf45

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.

C14orf45 Antibody (Center) Blocking Peptide - Protein Information

Name BBOF1 ([HGNC:19855](#))

Synonyms C14orf45, CCDC176

Function

Plays an essential role in sperm motility and male fertility by stabilizing the sperm flagellar axonemal structure. May be required for the stability of ODF2 and MANS1 proteins. Dispensable for the assembly and function of motile cilia.

Cellular Location

Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:A0JMY4}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q3V079}. Note=Localizes to a polar structure adjacent to the basal body. {ECO:0000250|UniProtKB:A0JMY4}

C14orf45 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C14orf45 Antibody (Center) Blocking Peptide - Images

C14orf45 Antibody (Center) Blocking Peptide - Background

The exact function of this protein is unknow.

C14orf45 Antibody (Center) Blocking Peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)