

**CCDC66 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17683b****Specification**

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**CCDC66 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [A2RUB6](#)**CCDC66 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 285331**Other Names**

Coiled-coil domain-containing protein 66, CCDC66

**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.

**CCDC66 Antibody (C-term) Blocking Peptide - Protein Information****Name** CCDC66 ([HGNC:27709](#))**Function**

Microtubule-binding protein required for ciliogenesis (PubMed:<a href="http://www.uniprot.org/citations/28235840" target="\_blank">28235840</a>). May function in ciliogenesis by mediating the transport of proteins like BBS4 to the cilium, but also through the organization of the centriolar satellites (PubMed:<a href="http://www.uniprot.org/citations/28235840" target="\_blank">28235840</a>). Plays a role in retina morphogenesis and/or homeostasis (By similarity).

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Cell projection, cilium. Cytoplasm, cytoskeleton, cilium basal body. Photoreceptor inner segment. Cell projection, cilium, photoreceptor outer segment. Note=Restricted to the centrosomes and the spindle microtubules during mitosis (PubMed:28235840). Enriched in the inner segment of the photoreceptor (PubMed:19777273).

**Tissue Location**

Widely expressed (at protein level) (PubMed:28235840). Expressed in retina, mainly in photoreceptors but also in outer plexiform and ganglion cell layers (at protein level)

(PubMed:19777273).

### **CCDC66 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **CCDC66 Antibody (C-term) Blocking Peptide - Images**

### **CCDC66 Antibody (C-term) Blocking Peptide - Background**

The function of this protein is unknown.

### **CCDC66 Antibody (C-term) Blocking Peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Kiel, D.P., et al. BMC Med. Genet. 8 SUPPL 1, S14 (2007) :Toulza, E., et al. Genome Biol. 8 (6), R107 (2007) :