

**CCDC120 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13363a****Specification**

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**CCDC120 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q96HB5](#)**CCDC120 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 90060**Other Names**

Coiled-coil domain-containing protein 120, CCDC120

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13363a was selected from the N-term region of CCDC120. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**CCDC120 Antibody (N-term) Blocking peptide - Protein Information****Name** CCDC120**Function**

Centriolar protein required for centriole subdistal appendage assembly and microtubule anchoring in interphase cells (PubMed:<a href="http://www.uniprot.org/citations/28422092" target="\_blank">28422092</a>). Together with CCDC68, cooperate with subdistal appendage components ODF2, NIN and CEP170 for hierarchical subdistal appendage assembly (PubMed:<a href="http://www.uniprot.org/citations/28422092" target="\_blank">28422092</a>). Recruits NIN and CEP170 to centrosomes (PubMed:<a href="http://www.uniprot.org/citations/28422092" target="\_blank">28422092</a>). Also required for neurite growth. Localizes CYTH2 to vesicles to allow its transport along neurites, and subsequent ARF6 activation and neurite growth.

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm. Cell projection, neuron projection. Cell projection, growth cone. Endosome Note=Localizes to the subdistal appendages of mother centrioles and proximal ends of both centrioles in interphase cells

(PubMed:28422092) Recruited to subdistal appendages by ODF2 (PubMed:28422092). In differentiating neuroblastoma cells, colocalizes with CYTH2 in both neurite shaft and growth cone areas (PubMed:25326380). Partially colocalizes with endosomes along neurites in differentiating neuroblastoma cells (PubMed:25326380).

### **CCDC120 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **CCDC120 Antibody (N-term) Blocking peptide - Images**

### **CCDC120 Antibody (N-term) Blocking peptide - Background**

This gene encodes a protein that contains a coiled-coildomain. Four alternatively spliced transcript variants that encodedifferent protein isoforms have been described for this gene.

### **CCDC120 Antibody (N-term) Blocking peptide - References**

Xin, X., et al. Genome Res. 19(7):1262-1269(2009)Tarpey, P.S., et al. Nat. Genet. 41(5):535-543(2009)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)