

CCDC120 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15705**Specification**

CCDC120 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O96HB5
Other Accession	NM_033626 , NP_296375
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67kDa KDa

CCDC120 Antibody - C-terminal region - Additional Information**Gene ID** 90060**Other Names**

Coiled-coil domain-containing protein 120, CCDC120

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CCDC120 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CCDC120 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CCDC120 Antibody - C-terminal region - Protein Information**Name** CCDC120**Function**

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

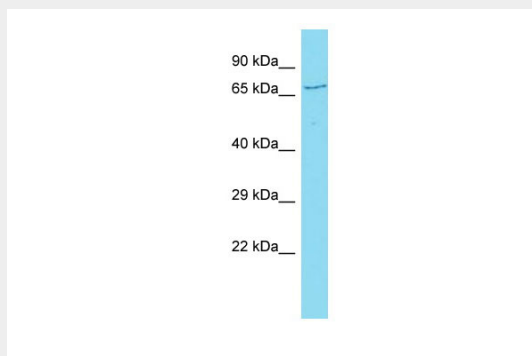
Cellular Location

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 - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCDC120 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: CCDC120

Sample Tissue: Hela Whole cell lysate

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Antibody Dilution: 1.0µg/ml

CCDC120 Antibody - C-terminal region - References

Rolfs A.,et al.Submitted (SEP-2006) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Ross M.T.,et al.Nature 434:325-337(2005).

Matsuoka S.,et al.Science 316:1160-1166(2007).

Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).