

CCDC61 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11587a**Specification**

CCDC61 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9Y6R9](#)**CCDC61 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 729440

Other Names

Coiled-coil domain-containing protein 61, CCDC61

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.

CCDC61 Antibody (N-term) Blocking peptide - Protein InformationName CCDC61 ([HGNC:33629](#))**Function**

Microtubule-binding centrosomal protein required for centriole cohesion, independently of the centrosome-associated protein/CEP250 and rootletin/CROCC linker (PubMed:31789463). In interphase, required for anchoring microtubule at the mother centriole subdistal appendages and for centrosome positioning (PubMed:31789463). During mitosis, may be involved in spindle assembly and chromatin alignment by regulating the organization of spindle microtubules into a symmetrical structure (PubMed:30354798). Has been proposed to play a role in CEP170 recruitment to centrosomes (PubMed:30354798). However, this function could not be confirmed (PubMed:31789463). Plays a non-essential role in ciliogenesis (PubMed:31789463, PubMed:32375023).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton,

microtubule organizing center, centrosome, centriolar satellite. Cytoplasm, cytoskeleton, cilium basal body Note=Localization at the centriolar satellite is dependent on intact microtubule network (PubMed:30354798). Localizes at the centriole subdistal appendages and proximal ends (PubMed:31789463). Localized to centrosomal/satellite-like structures with the onset of centrosome separation in early G2 (PubMed:30354798).

CCDC61 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CCDC61 Antibody (N-term) Blocking peptide - Images

CCDC61 Antibody (N-term) Blocking peptide - Background

The specific function of the protein remains unknown.