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CCDC61 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11587a

Specification

CCDC61 Antibody (N-term) - Product Information

Application	**WB, FC,E**
Primary Accession	O9Y6R9
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**57368**
Antigen Region	**36-65**

CCDC61 Antibody (N-term) - Additional Information

Gene ID 729440

Other Names
Coiled-coil domain-containing protein 61, CCDC61

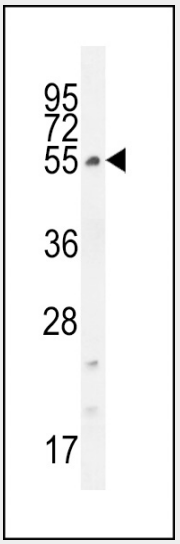
Target/Specificity
This CCDC61 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-65 amino acids from the N-terminal region of human CCDC61.

Dilution
WB~~1:1000
FC~~1:10~50

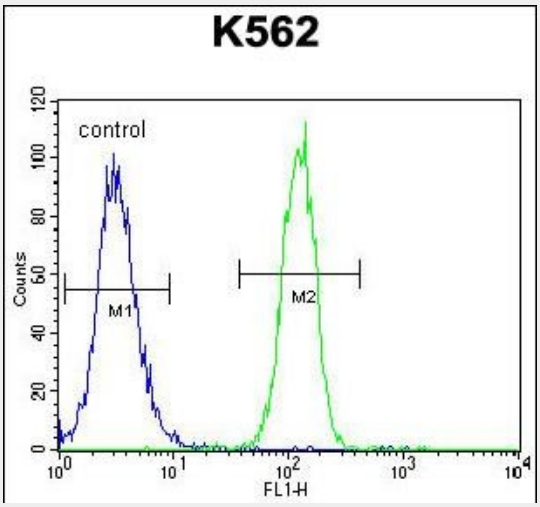
Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CCDC61 Antibody (N-term) is for research use only and not for use in diagnostic or



CCDC61 Antibody (N-term) (Cat. #AP11587a) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the CCDC61 antibody detected the CCDC61 protein (arrow).



CCDC61 Antibody (N-term) (Cat. #AP11587a) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

therapeutic procedures.

CCDC61 Antibody (N-term) - Protein Information

Name 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

CCDC61 Antibody (N-term) - Background

The specific function of the protein remains unknown.

separation in early G2 (PubMed:30354798).

CCDC61 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture