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CCDC66 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17683b

Specification

CCDC66 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	A2RUB6
Other Accession	NP_001135419.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**109411**
Antigen Region	**690-719**

CCDC66 Antibody (C-term) - Additional Information

Gene ID 285331

Other Names
Coiled-coil domain-containing protein 66, CCDC66

Target/Specificity
This CCDC66 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 690-719 amino acids from the C-terminal region of human CCDC66.

Dilution
WB~~1:1000

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
CCDC66 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CCDC66 Antibody (C-term) - Protein Information

Name CCDC66 (HGNC:27709)

Function Microtubule-binding protein required for ciliogenesis (PubMed:28235840). 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:28235840). 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).

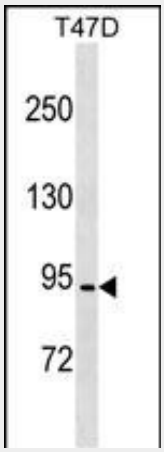
Tissue Location
Widely expressed (at protein level) (PubMed:28235840). Expressed in retina, mainly in photoreceptors but also in outer plexiform and ganglion cell layers (at protein level) (PubMed:19777273).

CCDC66 Antibody (C-term) - 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

CCDC66 Antibody (C-term) - Images



CCDC66 Antibody (C-term) (Cat. #AP17683b) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the CCDC66 antibody detected the CCDC66 protein (arrow).

CCDC66 Antibody (C-term) - Background

The function of this protein is unknown.

CCDC66 Antibody (C-term) - 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) :