

CCDC39 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11039b

Product Information

Application	WB, E
Primary Accession	Q9UFE4
Other Accession	NP_852091.1
Reactivity	Human, Hamster, Mouse
Predicted	Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28344
Calculated MW	109901
Antigen Region	770-798

Additional Information

Gene ID	339829
Other Names	Coiled-coil domain-containing protein 39, CCDC39
Target/Specificity	This CCDC39 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 770-798 amino acids from the C-terminal region of human CCDC39.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	CCDC39 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCDC39 (HGNC:25244)
Function	Required for assembly of dynein regulatory complex (DRC) and inner dynein arm (IDA) complexes, which are responsible for ciliary beat regulation, thereby playing a central role in motility in cilia and flagella

(PubMed:[21131972](#)). Probably acts together with CCDC40 to form a molecular ruler that determines the 96 nanometer (nm) repeat length and arrangements of components in cilia and flagella (By similarity). Not required for outer dynein arm complexes assembly (PubMed:[21131972](#)).

Cellular Location	Cytoplasm, cytoskeleton, cilium axoneme. Note=CCDC40 is required for localization to axonemes.
Tissue Location	Mainly expressed in nasal brushings and, to a lesser extent, in lungs and testis.

References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)
Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.