

CCDC39 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11039b**Specification**

CCDC39 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9UFE4
Other Accession	NP_852091.1
Reactivity	Human, Hamster, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	109901
Antigen Region	770-798

CCDC39 Antibody (C-term) - 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 0.09% (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

CCDC39 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CCDC39 Antibody (C-term) - 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

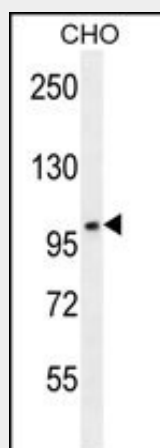
Mainly expressed in nasal brushings and, to a lesser extent, in lungs and testis.

CCDC39 Antibody (C-term) - Protocols

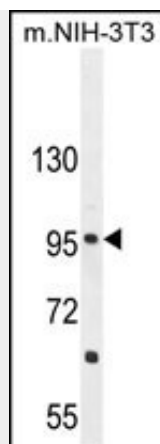
Provided below are standard protocols that you may find useful for product applications.

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

CCDC39 Antibody (C-term) - Images



CCDC39 Antibody (C-term) (Cat. #AP11039b) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the CCDC39 antibody detected the CCDC39 protein (arrow).



CCDC39 Antibody (C-term) (Cat. #AP11039b) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the CCDC39 antibody detected the CCDC39 protein (arrow).

CCDC39 Antibody (C-term) - 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)