

**CCDC8 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10554b****Specification**

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**CCDC8 Antibody (C-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O9H0W5</a>
Other Accession	<a href="#">NP_114429.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	59374
Antigen Region	390-418

**CCDC8 Antibody (C-term) - Additional Information****Gene ID** 83987**Other Names**

Coiled-coil domain-containing protein 8, CCDC8

**Target/Specificity**

This CCDC8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 390-418 amino acids from the C-terminal region of human CCDC8.

**Dilution**

WB~~1:1000

IHC-P~~1:50~100

**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**

CCDC8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCDC8 Antibody (C-term) - Protein Information****Name** CCDC8**Function** Core component of the 3M complex, a complex required to regulate microtubule

dynamics and genome integrity. It is unclear how the 3M complex regulates microtubules, it could act by controlling the level of a microtubule stabilizer (PubMed:[24793695](#), PubMed:[24793696](#)). Required for localization of CUL7 to the centrosome (PubMed:[24793695](#)).

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

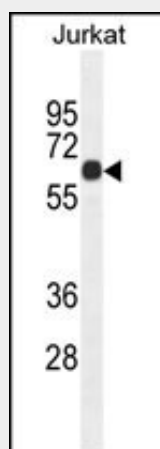
**Tissue Location**

Widely expressed with low levels in spleen, skeletal muscle, small intestine, kidney and liver

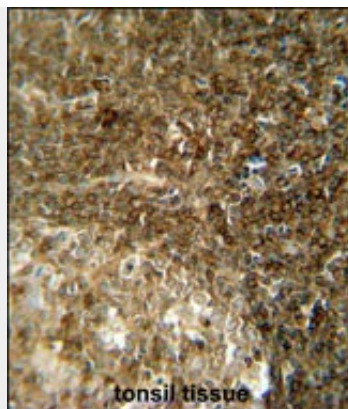
**CCDC8 Antibody (C-term) - Protocols**

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](#)

**CCDC8 Antibody (C-term) - Images**

CCDC8 Antibody (C-term) (Cat. #AP10554b) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the CCDC8 antibody detected the CCDC8 protein (arrow).



CCDC8 antibody (C-term) (Cat. #AP10554b) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CCDC8 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **CCDC8 Antibody (C-term) - References**

Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)