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Datasheet for ABIN6991553  
**anti-CCDC141 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	CCDC141
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCDC141 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	CCDC141 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CCDC141. The immunogen is located within amino acids 40 - 90 of CCDC141.
Isotype:	IgG
Specificity:	At least four isoforms of CCDC141 are known to exist.
Purification:	CCDC141 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	CCDC141
Alternative Name:	CCDC141 ( <a href="#">CCDC141 Products</a> )

## Target Details

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**Background:** CCDC141 Antibody: Coiled-coil domain-containing protein 141 (CCDC141), also known as CAMDI, is a recently identified disrupted in schizophrenia 1 (DISC1)-binding protein that also associates with myosin II. CCDC141 preferentially associates with phosphomyosin II and causes an accumulation of phosphomyosin II at the centrosome in a DISC1-dependent manner. Knockdown of CCDC141 expression by RNAi led to severely impaired radial migration with disoriented chromosomes, suggesting that CCDC141 is required for radial migration through DISC1 and myosin II-mediated centrosome positioning during neuronal development.

**Gene ID:** 285025

**NCBI Accession:** [NP\\_775919](#)

**UniProt:** [Q6ZP82](#)

## Application Details

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**Application Notes:** CCDC141 antibody can be used for detection of CCDC141 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** CCDC141 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** CCDC141 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.