

Datasheet for ABIN6991716
anti-CCDC22 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	CCDC22
Binding Specificity:	AA 530-580, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCDC22 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	CCDC22 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CCDC22. The immunogen is located within amino acids 530 - 580 of CCDC22.
Isotype:	IgG
Specificity:	At least three isoforms of CCDC22 are known to exist, this antibody will detect the two largest isoforms.
Purification:	CCDC22 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CCDC22
Alternative Name:	CCDC22 (CCDC22 Products)

Target Details

Background: CCDC22 Antibody: CCDC22 is a recently identified coiled-coil domain-containing protein that has been shown to bind copines, which are calcium-dependent, membrane-binding proteins that may function in calcium signaling. In rat, CCDC22 has been observed to localize in multiple regions of the brain, including the prefrontal and somatosensory cortex, dentate gyrus and thalamus, and in the ipsilateral motor neurons of the spinal cord after sciatic nerve transection suggesting that it may play a role in neuronal injury response. The human CCDC22 gene has been identified as a novel candidate gene for syndromic X-linked intellectual disability (XLID).

Gene ID: 28952

NCBI Accession: [NP_054727](#)

UniProt: [O60826](#)

Application Details

Application Notes: CCDC22 antibody can be used for detection of CCDC22 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CCDC22 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: CCDC22 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.