CCDC141 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCDC141, Polyclonal Antibody
Full Product Name	CCDC141, NT (CCDC141, Coiled-coil domain-containing protein 141) (MaxLight 490)
Product Gene Name	anti-CCDC141 antibody
Product Synonym Names	CCDC141; Coiled-coil domain-containing protein 141
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	175,067 Da
OMIM	616031
3D Structure	ModBase 3D Structure for Q6ZP82
Immunogen	CCDC141 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CCDC141.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-CCDC141 antibody	Antibodies; CCDC (Coiled-coil Domain-containing)
Applications Tested/Suitable for anti-CCDC141 antibody	Western Blot (WB), FLISA
Application Notes for anti-CCDC141 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CCDC141 antibody	MaxLight490 is a new Blue-Green photostable dye conjugate comparable to DyLight488, Alexa Fluor488 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (491nm); Emission (515nm); Extinction Coefficient 73,000.
Product References and Citations for anti-CCDC141 antibody	Ehret, G.B., et al. Eur. J. Hum. Genet. 17(12):1650-1657(2009). Morris, J.A., et al. Hum. Mol. Genet. 12(13):1591-1608(2003).
Other Notes	Small volumes of anti-CCDC141 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for CCDC141 purchase	MBS6281536 is an antibody targeting CCDC141. Also known as CCDC141, NT (CCDC141, Coiled-coil domain-containing protein 141) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCDC141. It may not necessarily be applicable to this product.

NCBI GI #	39725717
NCBI GeneID	285025
NCBI Accession #	NP_775919.2
UniProt Primary Accession #	Q6ZP82
UniProt Secondary Accession #	Q8N8H3; H7C0P1; J3KNW6
UniProt Related Accession #	Q6ZP82
GenBank Nucleotide #	NM_173648.2
NCBI Official Full Name	coiled-coil domain-containing protein 141
NCBI Official Synonym Full Names	coiled-coil domain containing 141
NCBI Official Symbol	CCDC141
NCBI Official Synonym Symbols	CAMDI
UniProt Protein Name	Coiled-coil domain-containing protein 141
UniProt Synonym Protein Names	Coiled-coil protein associated with myosin II and DISC1
Protein Family	Coiled-coil domain-containing protein
UniProt Gene Name	CCDC141
UniProt Entry Name	CC141_HUMAN
NCBI Protein Information	coiled-coil domain-containing protein 141; coiled-coil protein associated with myosin II and DISC1
UniProt Comments for CCDC141	CCDC141: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 2q31.2 Cellular Component: cytoplasm; microtubule organizing center Molecular Function: protein binding
Research Articles on CCDC141	**1.** CAMDI is required for radial migration probably through DISC1 and myosin II-mediated centrosome positioning during neuronal development.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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