CCDC46 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCDC46, Polyclonal Antibody
Full Product Name	CCDC46, NT (CEP112, CCDC46, Centrosomal protein of 112kD, Coiled-coil domain-containing protein 46) (MaxLight 490)
Product Gene Name	anti-CCDC46 antibody
Product Synonym Names	CEP112; CCDC46; Centrosomal protein of 112kD; Coiled-coil domain-containing protein 46
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	112,749 Da
3D Structure	ModBase 3D Structure for Q8N8E3
Immunogen	CCDC46 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-314 amino acids from the N-terminal region of human CCDC46.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-CCDC46 antibody	Antibodies; Centrosomal Proteins
Applications Tested/Suitable for anti-CCDC46 antibody	Western Blot (WB), FLISA
Application Notes for anti-CCDC46 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CCDC46 antibody	CCDC46 is a protein with filament, myosin tail and ATPase domains. Orthologs of this gene exist in mouse, rat and chimp. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product References and Citations for anti-CCDC46 antibody	Mick, E., et al. J Am Acad Child Adolesc Psychiatry 49(9):898-905(2010). Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Sombekke, M.H., et al. Mult. Scler. 16(6):652-659(2010). Johansson, A., et al. Obesity (Silver Spring) 18(4):803-808(2010). Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001).
Other Notes	Small volumes of anti-CCDC46 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 CCDC46 purchase	MBS6281756 is an antibody targeting CCDC46. Also known as CCDC46, NT (CEP112, CCDC46, Centrosomal protein of 112kD, Coiled-coil domain-containing protein 46) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCDC46. It may not necessarily be applicable to this product.

NCBI GI #	82880654
NCBI GeneID	201134
NCBI Accession #	NP_001032402.1
NCBI Related Accession #	NP_659473.2
UniProt Primary Accession #	Q8N8E3
UniProt Secondary Accession #	Q6PIB5; Q8NCR4; Q8NFR4
UniProt Related Accession #	Q8N8E3
GenBank Nucleotide #	NM_001037325.2
NCBI Official Full Name	centrosomal protein of 112 kDa isoform b
NCBI Official Synonym Full Names	centrosomal protein 112kDa
NCBI Official Symbol	CEP112
NCBI Official Synonym Symbols	CCDC46; MACOCO
UniProt Protein Name	Centrosomal protein of 112 kDa
UniProt Synonym Protein Names	Coiled-coil domain-containing protein 46
UniProt Gene Name	CEP112
UniProt Synonym Gene Names	CCDC46; Cep112
UniProt Entry Name	CE112_HUMAN
NCBI Protein Information	centrosomal protein of 112 kDa; coiled-coil domain containing 46; coiled-coil domain-containing protein 46
UniProt Comments for CCDC46	CCDC46: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 17q24.1 Cellular Component: centrosome; cytoplasm
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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