CEP112 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEP112, Polyclonal Antibody
Full Product Name	CEP112 Polyclonal Antibody
Product Gene Name	anti-CEP112 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	24kDa; 112kDa
3D Structure	ModBase 3D Structure for Q8N8E3
Immunogen	Recombinant protein of human CEP112 (NP_659473.2).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CEP112 antibody	Western Blot (WB)
Application Notes for anti-CEP112 antibody	WB: 1:500-1:2000
Related Product Information for anti-CEP112 antibody	This gene encodes a coiled-coil domain containing protein that belongs to the cell division control protein 42 effector protein family. In neurons, it localizes to the cytoplasm of dendrites and is also enriched in the nucleus where it interacts with the RNA polymerase III transcriptional repressor Maf1 to regulate gamma-aminobutyric acid A receptor surface expression. In addition, the protein has been identified as a component of the human centrosome. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-CEP112 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 CEP112 purchase	MBS8568994 is an antibody targeting CEP112. Also known as CEP112 Polyclonal Antibody. Reactive in Human, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEP112. It may not necessarily be applicable to this product.

NCBI GI #	312596888
NCBI GeneID	201134
NCBI Accession #	NP_001186094.1
UniProt Primary Accession #	Q8N8E3
UniProt Related Accession #	Q8N8E3

GenBank Nucleotide #	NP_001186094.1
NCBI Official Full Name	centrosomal protein of 112 kDa isoform a
NCBI Official Synonym Full Names	centrosomal protein 112
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
Protein Family	Centrosomal protein
UniProt Gene Name	CEP112
UniProt Synonym Gene Names	CCDC46; Cep112
UniProt Entry Name	CE112_HUMAN
NCBI Protein Information	centrosomal protein of 112 kDa
UniProt Comments for CEP112	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
Research Articles on CEP112	**1.** We report that Maf1 interacts with a novel coiled-coil domain containing protein that we have called Macoco.
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