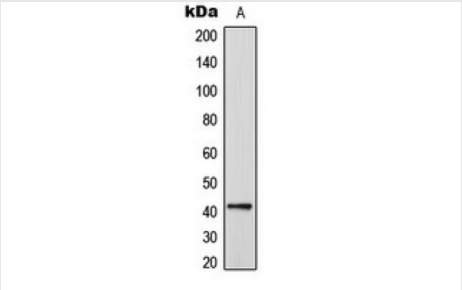
CEP41 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEP41, Polyclonal Antibody
Full Product Name	CEP41 Antibody
Product Gene Name	anti-CEP41 antibody
Product Synonym Names	Purified Polyclonal CEP41 Antibody; Polyclonal CEP41 antibody; Anti-CEP41 antibody; TSGA14 antibody; Centrosomal protein of 41 kDa antibody; Cep41 antibody; Testis-specific gene A14 protein antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Purity/Purification	Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of CEP41 protein
Preparation and Storage	Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles.
OMIM	610523
3D Structure	ModBase 3D Structure for Q9BYV8
Immunogen	CEP41 antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CEP41 as the immunogen
Cross-Reactivity	Mouse, Rat
Product Categories/Family for anti-CEP41 antibody	Cell Biology
Applications Tested/Suitable for anti-CEP41 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CEP41 antibody	WB: 1:500-1:1000 IHC: 1:100-1:200
Related Product Information for anti-CEP41 antibody	CEP41 is required during ciliogenesis for tubulin glutamylation in cilium. Probably acts by participating in the transport of TTLL6, a tubulin polyglutamylase, between the basal body and the cilium.
Other Notes	Small volumes of anti-CEP41 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 CEP41 purchase	MBS5316387 is an antibody targeting CEP41. Also known as CEP41 Antibody. Host: Rabbit.



Western Blot (WB) of anti-CEP41 antibody
Western blot analysis of CEP41 expression in HeLa (A) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEP41. It may not necessarily be applicable to this product.

NCBI GI #	16306479
NCBI GeneID	95681
UniProt Primary Accession #	Q9BYV8
UniProt Related Accession #	Q9BYV8
GenBank Nucleotide #	NP_061188.1
NCBI Official Full Name	centrosomal protein of 41 kDa isoform 1
NCBI Official Synonym Full Names	centrosomal protein 41
NCBI Official Symbol	CEP41
NCBI Official Synonym Symbols	JBTS15; TSGA14
UniProt Protein Name	Centrosomal protein of 41 kDa
UniProt Synonym Protein Names	Testis-specific gene A14 protein
Protein Family	Centrosomal protein
UniProt Gene Name	TSGA14
UniProt Synonym Gene Names	CEP41
UniProt Entry Name	CEP41_HUMAN
NCBI Protein Information	centrosomal protein of 41 kDa
NCBI Summary for CEP41	This gene encodes a centrosomal and microtubule-binding protein which is predicted to have two coiled-coil domains and a rhodanese domain. In human retinal pigment epithelial cells the protein localized to centrioles and cilia. Mutations in this gene have been associated with Joubert Syndrome 15; an autosomal recessive ciliopathy and neurological disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]
Research Articles on CEP41	**1.** Missense variants in one gene, CEP41, associated significantly with Autism Spectrum Disorder (ASD). Homozygous gene-disrupting variants in CEP41 were initially found to be responsible for recessive Joubert syndrome.
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