

Anti-CEP41 antibody



Description	Rabbit polyclonal to CEP41.
Model	STJ92226
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human CEP41.
Immunogen Region	Internal
Gene ID	95681
Gene Symbol	CEP41
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	CEP41 Polyclonal Antibody detects endogenous levels of CEP41 protein.
Tissue Specificity	Isoform 1 and isoform 4 are expressed in testis and fetal tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Centrosomal protein of 41 kDa Cep41 Testis-specific gene A14 protein
Molecular Weight	41 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12370 OMIM:610523
Alternative Names	Centrosomal protein of 41 kDa Cep41 Testis-specific gene A14 protein
Function	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.
Sequence and Domain Family	Although it contains a rhodanese domain, does not display phosphatase activity, suggesting that the protein is enzymatically inactive.
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cell projection, cilium. Cytoplasm, cytoskeleton, cilium basal body. Localizes mainly to the cilium basal body and in primary cilia.

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