



CEP41 rabbit pAb

Cat No.:ES8064

For research use only

Overview

Product Name	CEP41 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CEP41. AA range:150-200
Specificity	CEP41 Polyclonal Antibody detects endogenous levels of CEP41 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Centrosomal protein of 41 kDa
Gene Name	CEP41
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	41kD
Human Gene ID	95681
Human Swiss-Prot Number	Q9BYV8
Alternative Names	CEP41; TSGA14; Centrosomal protein of 41 kDa; Cep41; Testis-specific gene A14 protein
Background	This gene encodes a centrosomal and microtubule-binding protein which is predicted to have two coiled-coil domains and a rhodanese

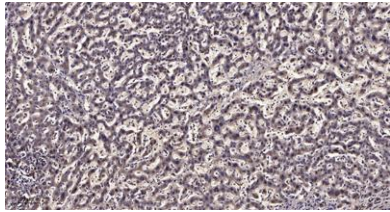




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domain. In human retinal pigment epithelial cells the protein localized to centrioles and cilia. Mutations in this gene have been associated with Joubert Syndrome 15; an autosomal recessive ciliopathy and neurological disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012],

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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