



# CEP41 Polyclonal Antibody

<b>Catalog No</b>	BYab-03761
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	CEP41
<b>Protein Name</b>	Centrosomal protein of 41 kDa
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CEP41. AA range:150-200
<b>Specificity</b>	CEP41 Polyclonal Antibody detects endogenous levels of CEP41 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CEP41; TSGA14; Centrosomal protein of 41 kDa; Cep41; Testis-specific gene A14 protein
<b>Observed Band</b>	41kD
<b>Cell Pathway</b>	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.
<b>Tissue Specificity</b>	[Isoform 1]: Expressed in testis and fetal tissues. ; [Isoform 3]: Expressed in testis and fetal tissues.
<b>Function</b>	similarity:Contains 1 rhodanese domain.,tissue specificity:Isoform 1 and isoform 4 are expressed in testis and fetal tissues.,
<b>Background</b>	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],

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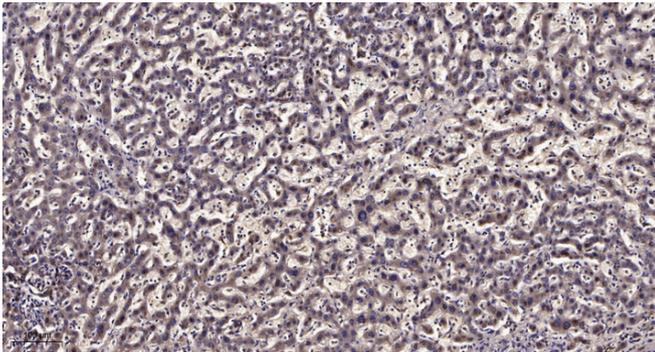
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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).