

CEP41 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51079

Product Information

Application	WB, IHC-P
Primary Accession	Q9BYV8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41368

Additional Information

Gene ID	95681
Other Names	Centrosomal protein of 41 kDa, Cep41, Testis-specific gene A14 protein, CEP41, TSGA14
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CEP41. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CEP41
Synonyms	TSGA14
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.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cell projection, cilium. Cytoplasm, cytoskeleton, cilium basal body. Note=Localizes mainly to the cilium basal body and in primary cilia
Tissue Location	[Isoform 1]: Expressed in testis and fetal tissues.

Background

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.

References

Yamada T.,et al.Gene 288:57-63(2002).

Brunner B.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.

Xu M.,et al.Submitted (NOV-2002) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Hillier L.W.,et al.Nature 424:157-164(2003).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.