

CEP41 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51079**Specification**

CEP41 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BYV8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15 KDa

CEP41 Antibody - 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

E~~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

CEP41 Antibody - 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.

CEP41 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CEP41 Antibody - Images**CEP41 Antibody - Background**

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CEP41 Antibody - 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).