

Rabbit anti-Human, Rat CEP41 Polyclonal Antibody | anti-CEP41 antibody

CEP41 Antibody

CATALOG # AAA327913	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	---------------------------------	--

PRODUCT SYNONYMS

CEP41; Polyclonal Antibody; CEP41 Antibody; centrosomal protein 41 kDa; Centrosomal protein of 41 kDa; CEP 41; Cep41; CEP41_HUMAN; testis specific 14; testis specific gene A14; Testis specific gene A14 protein; testis specific protein A14; Testis-specific gene A14 protein; anti-CEP41 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CEP41 antibody detects endogenous levels of total CEP41
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	301
Applicable Applications for anti-CEP41 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CEP41
Subcellular Location	Cytoplasm > Cytoskeleton > Centrosome. Cell Projection > Cilium. Cytoplasm > Cytoskeleton > Cilium Basal Body. Localizes mainly to the cilium basal body and in primary cilia.
Tissue Specificity	Isoform 1 and isoform 4 are expressed in testis and fetal tissues.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327913 at 1/100 staining RAT testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of CEP41 using HT29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CEP41 antibody	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. Subunit Structure: Found in a complex with TTLL6. Similarity: Although it contains a rhodanese domain, does not display phosphatase activity, suggesting that the protein is enzymatically inactive. Belongs to the CEP41 family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	380692319
NCBI GeneID	95681
NCBI Accession #	NP_001244087.1
NCBI GenBank Nucleotide #	NM_001257158.1
UniProt Accession #	Q9BYV8; Q7Z496; Q86TM1; Q8NFU8; Q9H6A3; Q9NPV3; A4D1M0; B4DQ35; F5H0V6
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	centrosomal protein of 41 kDa isoform 2
NCBI Official Synonym Full Names	centrosomal protein 41
NCBI Official Symbol	CEP41
NCBI Official Synonym Symbols	JBTS15; TSGA14
NCBI Protein Information	centrosomal protein of 41 kDa
UniProt Protein Name	Centrosomal protein of 41 kDa
UniProt Gene Name	CEP41
UniProt Synonym Gene Names	TSGA14; Cep41

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cep41-antibody-immunohistochemistry-western-blot-elisa/327913>