

Rabbit CEP57 Polyclonal Antibody | anti-CEP57 antibody

CEP57 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176349	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CEP57; Polyclonal Antibody; CEP57 Polyclonal Antibody; Centrosomal protein 57kDa; Centrosomal protein of 57 kDa; Cep57; Cep57 protein; FGF2 interacting protein; FGF2-interacting protein; KIAA0092; MVA2; PIG8; Proliferation inducing protein 8; Testis specific protein 57; Testis-specific protein 57; Transloklin; TSP57; anti-CEP57 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.4mg/mL (varies by lot)
Sequence Length	491
Applicable Applications for anti-CEP57 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



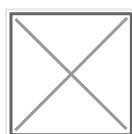
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using CEP57 Polyclonal Antibody at dilution of 1:30 (x200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using CEP57 Polyclonal Antibody at dilution of 1:30 (x200)



WB (Western Blot)

Western blot analysis of Hela cell lysate using CEP57 Polyclonal Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-CEP57 antibody	This gene encodes a cytoplasmic protein called Transloklin. This protein localizes to the centrosome and has a function in microtubular stabilization. The N-terminal half of this protein is required for its centrosome localization and for its multimerization, and the C-terminal half is required for nucleating, bundling and anchoring microtubules to the centrosomes. This protein specifically interacts with fibroblast growth factor 2 (FGF2), sorting nexin 6, Ran-binding protein M and the kinesins KIF3A and KIF3B, and thus mediates the nuclear translocation and mitogenic activity of the FGF2. It also interacts with cyclin D1 and controls nucleocytoplasmic distribution of the cyclin D1 in quiescent cells. This protein is crucial for maintaining correct chromosomal number during cell division. Mutations in this gene cause mosaic variegated aneuploidy syndrome, a rare autosomal recessive disorder. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-CEP57 antibody	Signal transduction; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	344925823
NCBI GeneID	9702
NCBI Accession #	NP_001230705.1; BC039711
NCBI GenBank Nucleotide #	NP_001230705.1
UniProt Accession #	Q86XR8
Molecular Weight	57 kDa
NCBI Official Full Name	centrosomal protein of 57 kDa isoform b
NCBI Official Synonym Full Names	centrosomal protein 57
NCBI Official Symbol	CEP57
NCBI Official Synonym Symbols	MVA2; PIG8; TSP57
NCBI Protein Information	centrosomal protein of 57 kDa
UniProt Protein Name	Centrosomal protein of 57 kDa
UniProt Gene Name	CEP57
UniProt Synonym Gene Names	KIAA0092; TSP57; Cep57
UniProt Entry Name	CEP57_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cep57-antibody-immunohistochemistry-western-blot-elisa/176349>