

Rabbit anti-Human CEP57 Polyclonal Antibody | anti-CEP57 antibody

CEP57 Antibody

CATALOG # AAA310355	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CEP57; Polyclonal Antibody; CEP57 Antibody; MVA2; PIG8; TSP57; anti-CEP57 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CEP57 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	1383
Applicable Applications for anti-CEP57 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the N terminal of human CEP57
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



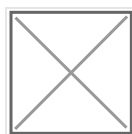
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 46476(CEP57 Antibody) at dilution 1/30, on the right is treated with fusion protein.
(Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46476(CEP57 Antibody) at dilution 1/30, on the right is treated with fusion protein.
(Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg, Lane: Hela cell lysate, Primary antibody: 46476(CEP57 Antibody) at dilution 1/450 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-CEP57 antibody	This gene encodes a cytoplasmic protein called Translokcin. 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24980788
NCBI GeneID	9702
UniProt Accession #	Q86XR8; Q14704; Q5JB46; Q8IXP0; Q9BVF9; A0PJH1; A8K5D0; B4DDP5; F5H5F7
Molecular Weight	57 kDa
NCBI Official Full Name	Homo sapiens centrosomal protein 57kDa, mRNA
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

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.