

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

CEP57 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324592	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CEP57; Polyclonal Antibody; CEP57 Antibody; Centrosomal protein 57kDa; Centrosomal protein of 57 kDa; Cep57; Cep57 protein; CEP57_HUMAN; FGF2 interacting protein; FGF2-interacting protein; KIAA0092; MVA2; PIG8; Proliferation inducing protein 8; Testis specific protein 57; Testis-specific protein 57; Translokin; TSP57; anti-CEP57 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CEP57 antibody detects endogenous levels of total CEP57
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	491
Applicable Applications for anti-CEP57 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus. Cytoplasm. Cytoplasm > Cytoskeleton > Centrosome.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Dog
Similarity	Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324592 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using MRPS7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CEP57 antibody

Function: Centrosomal protein which may be required for microtubule attachment to centrosomes. May act by forming ring-like structures around microtubules. Mediates nuclear translocation and mitogenic activity of the internalized growth factor FGF2, but that of FGF1.
Subunit Structure: Homodimer and homooligomer. Interacts with microtubules. Interacts with FGF2 and RAP80. Does not interact with FGF1 or FGF2 isoform 24 kDa.
Similarity: The C-terminal region mediates the interaction with microtubules and is able to nucleate and bundles microtubules in vitro.The centrosome localization domain (CLD) region mediates the localization to centrosomes and homooligomerization. Belongs to the translokin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	344925823
NCBI GeneID	9702
NCBI Accession #	NP_001230705.1
NCBI GenBank Nucleotide #	NM_001243776.1
UniProt Accession #	Q86XR8; Q14704; Q5JB46; Q8IXP0; Q9BVF9; A0PJH1; A8K5D0; B4DDP5; F5H5F7
Molecular Weight	Observed: 50 kD Predicted: 58 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

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.