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CEP57 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17070a

Product Information

Application	WB, E
Primary Accession	Q86XR8
Other Accession	B4F7A7, Q8CEE0, NP_055494.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36933
Calculated MW	57089
Antigen Region	89-117

Additional Information

Gene ID	9702
Other Names	Centrosomal protein of 57 kDa, Cep57, FGF2-interacting protein, Testis-specific protein 57, Translokin, CEP57, KIAA0092, TSP57
Target/Specificity	This CEP57 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-117 amino acids from the N-terminal region of human CEP57.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CEP57 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CEP57
Synonyms	KIAA0092, TSP57

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.
Cellular Location	Nucleus. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Tissue Location	Ubiquitous..

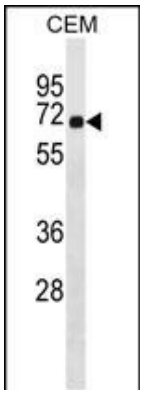
Background

Translokin binds basic fibroblast growth factor (FGF2; MIM 134920) and mediates its nuclear translocation and mitogenic activity (Bossard et al., 2003 [PubMed 12717444]).[supplied by OMIM].

References

Bailey, S.D., et al. Diabetes Care (2010) In press :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Petretti, C., et al. EMBO Rep. 7(4):418-424(2006)
Kim, Y.S., et al. Biol. Reprod. 70(1):106-113(2004)
Andersen, J.S., et al. Nature 426(6966):570-574(2003)

Images



CEP57 Antibody (N-term) (Cat. #AP17070a) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the CEP57 antibody detected the CEP57 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.