10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CEP57 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17070a

Specification

CEP57 Antibody (N-term) - Product Information

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

CEP57 Antibody (N-term) - 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

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.

CEP57 Antibody (N-term) - 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

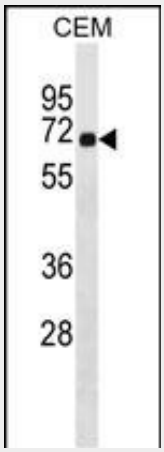
Tissue Location
Ubiquitous..

CEP57 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CEP57 Antibody (N-term) - 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).

CEP57 Antibody (N-term) - 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].

CEP57 Antibody (N-term) - 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)