

CEP72 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55322

Specification

CEP72 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E
Primary Accession Q9P209
Reactivity Rat, Bovine
Host Rabbit
Clonality Polyclonal
Calculated MW 71718

CEP72 Polyclonal Antibody - Additional Information

Gene ID 55722

Other Names

Centrosomal protein of 72 kDa, Cep72, CEP72, KIAA1519

Dilution

IHC-P~~N/A<br \> IHC-F~~N/A<br \> IF~~1:50~200<br \> ICC~~N/A<br \> E~~N/A

Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

CEP72 Polyclonal Antibody - Protein Information

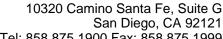
Name CEP72

Synonyms KIAA1519

Function

Involved in the recruitment of key centrosomal proteins to the centrosome. Provides centrosomal microtubule-nucleation activity on the gamma-tubulin ring complexes (gamma-TuRCs) and has critical roles in forming a focused bipolar spindle, which is needed for proper tension generation between sister chromatids. Required for localization of KIZ, AKAP9 and gamma-tubulin ring complexes (gamma-TuRCs) (PubMed:19536135). Involved in centriole duplication. Required for CDK5RAP22, CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (PubMed:26297806).

Cellular Location





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Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Note=Localizes to the centrosome and centrosome-surrounding particles throughout the cell cycle. These particles disappear after microtubules are depolymerized using nocodazole, suggesting that CEP72-associating particles localize in a microtubule- dependent manner

CEP72 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CEP72 Polyclonal Antibody - Images