

CEP72 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55322

Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat, Bovine
Host
Rabbit
Clonality
Polyclonal
Calculated MW
71718

Additional Information

Gene ID 55722

Other Names Centrosomal protein of 72 kDa, Cep72, CEP72, KIAA1519

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-

10000

Storage Store at -20 °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 °C.

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 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

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