

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	O9P209
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

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

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:<<http://www.uniprot.org/citations/19536135>>19536135). Involved in centriole duplication. Required for CDK5RAP22, CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (PubMed:<<http://www.uniprot.org/citations/26297806>>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

CEP72 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CEP72 Polyclonal Antibody - Images