



Rabbit Anti-CEP72 antibody

SL13861R

Product Name:	CEP72
Chinese Name:	中心体蛋白72抗体
Alias:	Centrosomal protein 72kDa; Centrosomal protein of 72 kDa; Cep72; CEP72_HUMAN; FLJ10565; MGC5307; RGD1566336.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Goose,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	72kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CEP72:1-100/647
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	The product of this gene is a member of the leucine-rich-repeat (LRR) superfamily of proteins. The protein is localized to the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. [provided by RefSeq, Jul 2008] 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/PLK1S1, AKAP9 and gamma-tubulin ring complexes (gamma-TuRCs).

Subcellular Location:

Cytoplasm; cytoskeleton; centrosome. 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.

Similarity:

Belongs to the CEP72 family.
Contains 3 LRR (leucine-rich) repeats.
Contains 1 LRRCT domain.

SWISS:

Q9P209

Gene ID:

55722

Database links:

[Entrez Gene: 55722](#) Human

[SwissProt: Q9P209](#) Human

[Unigene: 591741](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.