



Rabbit Anti-Centrin 3 antibody

SL13847R

Product Name:	Centrin 3
Chinese Name:	中心体蛋白3抗体
Alias:	CDC31 homolog; CEN 3; CEN3; Centrin EF hand protein 3; Centrin-3; Centrin3; CETN 3; Cetrn3; CETN3_HUMAN; EF hand superfamily member; MGC12502; MGC138245.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=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:	20kDa
Cellular localization:	cytoplasmicSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Centrin 3:1-100/167
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 protein encoded by this gene contains four EF-hand calcium binding domains, and is a member of the centrin protein family. Centrins are evolutionarily conserved proteins similar to the CDC31 protein of <i>S. cerevisiae</i> . Yeast CDC31 is located at the centrosome of interphase and mitotic cells, where it plays a fundamental role in centrosome duplication and separation. Multiple forms of the proteins similar to the

yeast centrin have been identified in human and other mammalian cells, some of which have been shown to be associated with centrosome fractions. This protein appears to be one of the most abundant centrins associated with centrosome, which suggests a similar function to its yeast counterpart. [provided by RefSeq, Jul 2008]

Function:

Plays a fundamental role in microtubule-organizing center structure and function.

Subcellular Location:

Cytoplasm > cytoskeleton > centrosome. Centrosome of interphase and mitotic cells.

Similarity:

Belongs to the centrin family.
Contains 4 EF-hand domains.

SWISS:

O15182

Gene ID:

1070

Database links:

[Entrez Gene: 1070](#) Human

[Omim: 602907](#) Human

[SwissProt: O15182](#) Human

[Unigene: 591767](#) Human

Important Note:

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