

Rabbit Anti-Centrin 1/AP Conjugated antibody

SL10574R-AP

Product Name	Anti-Centrin 1/AP
Chinese Name	碱性磷酸酶 (AP) 标记的中心体蛋白 1 抗体
Alias	Caltractin; Caltractin isoform 2; CEN 1; CEN1; Centrin EF hand protein 1; Centrin-1; Centrin1; CETN 1; CETN; CETN1; CETN1_HUMAN; EF hand protein 1; EF-hand protein 1.
Research Area	Signal transduction Cyclin Cell differentiation
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Dog,Horse) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	20kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Centrin 1
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: The protein encoded by this gene plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This encoded protein is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis,

reflecting the dynamic behavior of the centrosome during the cell cycle.
[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.

Database links:

[Entrez Gene: 1068](#) Human

[Entrez Gene: 26369](#) Mouse

[Omid: 603187](#) Human

[SwissProt: Q12798](#) Human

[SwissProt: P41209](#) Mouse

[Unigene: 122511](#) Human

[Unigene: 195831](#) Mouse

Important Note:

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