

## Rabbit Anti-Centrin-1+Centrin-2/AF350 Conjugated antibody

SL13848R-AF350

<b>Product Name</b>	Anti-Centrin-1+Centrin-2/AF350
<b>Chinese Name</b>	AF350 标记的中心体蛋白 1+2 抗体
<b>Alias</b>	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; 20kD calcium binding protein; CALT; caltractin; Caltractin isoform 1; CEN2; centrin; centrin, EF hand protein, 2; Centrin-2; Centrin2; CETN2; CETN2_HUMAN; EF hand protein 2; EF-hand protein.
<b>Research Area</b>	Cell biology Signal transduction Epigenetics
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human,Cow)
<b>Applications</b>	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	20kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Centrin 1
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
<b>Storage</b>	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.
<b>Product Detail</b>	<b>background:</b> 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: 512850](#) Cow

[Omim: 603187](#) Human

[SwissProt: Q32LE3](#) Cow

[SwissProt: Q12798](#) Human

[Unigene: 122511](#) Human

**Important Note:**

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