



## Rabbit Anti-CENPI antibody

SL13834R

<b>Product Name:</b>	CENPI
<b>Chinese Name:</b>	着丝粒蛋白I抗体
<b>Alias:</b>	CENP I; CENPI_HUMAN; centromere protein I; Follicle stimulating hormone primary response protein; FSH primary response 1; FSH primary response protein 1; FSH primary response, rat, homolog of, 1; FSHP1; FSHPRH1; interphase centromere complex protein 19; Leucine rich primary response gene 1; Leucine rich primary response protein 1; LRPR1; Mis6.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	87kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CENPI:201-300/756
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The product of this gene is involved in the response of gonadal tissues to follicle-stimulating hormone. This gene is also a potential candidate for human X-linked disorders of gonadal development and gametogenesis. [provided by RefSeq, Jul 2008]

**Function:**

CENPI is a constitutive protein of the kinetochore that shares limited similarity with Mis6 of *S. pombe*. The kinetochore is a macromolecular complex located at the centromere of chromosomes and provides essential functions for chromosome segregation. CENPI is required for the localization of CENPF and the checkpoint proteins MAD1 and MAD2 to the kinetochore.

**Subcellular Location:**

Cytoplasmic and Nuclear

**Post-translational modifications:**

Sumoylated. Sumoylated form can be polyubiquitinated by RNF4, leading to its degradation. Desumoylation by SENP6 prevents its degradation.

**Similarity:**

Belongs to the mis6 family.

**SWISS:**

Q92674

**Gene ID:**

2491

**Database links:**

[Entrez Gene: 2491](#) Human

[Omim: 300065](#) Human

[SwissProt: Q92674](#) Human

[Unigene: 348920](#) Human

**Important Note:**

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