

# CENPF polyclonal antibody

Catalog # PAB6242      Size 100 ug

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of CENPF.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human CENPF.
<b>Sequence</b>	GLESKGSENCKVQ
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	358
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:64000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CENPF

Entrez GeneID	<a href="#">1063</a>
Protein Accession#	<a href="#">AAA82889.1;AAA82935.1;AAA86889.1</a>
Gene Name	CENPF
Gene Alias	CENF, PRO1779, hcp-1
Gene Description	centromere protein F, 350/400ka (mitosin)
Omim ID	<a href="#">600236</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a protein that associates with the centromere-kinetochore complex. The protein is a component of the nuclear matrix during the G2 phase of interphase. In late G2 the protein associates with the kinetochore and maintains this association through early anaphase. It localizes to the spindle midzone and the intracellular bridge in late anaphase and telophase, respectively, and is thought to be subsequently degraded. The localization of this protein suggests that it may play a role in chromosome segregation during mitosis. It is thought to form either a homodimer or heterodimer. Autoantibodies against this protein have been found in patients with cancer or graft versus host disease. [provided by RefSeq]</p>
Other Designations	AH antigen CENP-F kinetochore protein OTTHUMP00000035028 cell-cycle-dependent 350K nuclear protein centromere protein F mitosin

## Publication Reference

- [CENP-F is a protein of the nuclear matrix that assembles onto kinetochores at late G2 and is rapidly degraded after mitosis.](#)

Liao H, Winkfein RJ, Mack G, Rattner JB, Yen TJ.

The Journal of Cell Biology 1995 Aug; 130(3):507.

Application: IF, IP, WB-Ce, Human, HeLa cells

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosomal Instability](#)
- [Genetic Predisposition to Disease](#)