

## Datasheet: VPA00837

<b>Description:</b>	RABBIT ANTI CENTROMERE PROTEIN F
<b>Specificity:</b>	CENTROMERE PROTEIN F
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide <50% Glycerol
<b>Immunogen</b>	Recombinant protein of human centromere protein F
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P49454</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

**Specificity** **Rabbit anti Human centromere protein F antibody** recognizes centromere protein F, also known as CENP-F kinetochore protein, cell-cycle-dependent 350K nuclear protein, CENPF, hcp-1 and centromere protein F, 350/400 kDa (mitosin).

CENPF 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. 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, Jul 2008).

Rabbit anti Human centromere protein F antibody detects a band of 350 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting** Anti centromere protein F antibody recognizes a band of approximately 350 kDa in HeLa cell lysates

**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles

**Guarantee** 12 months from date of despatch

**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

**Health And Safety Information** Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00837>  
10049

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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