

Datasheet: AHP1092

**BATCH NUMBER 145558**

<b>Description:</b>	GOAT ANTI HUMAN PERICENTRIN 1 (C-TERMINAL)
<b>Specificity:</b>	PERICENTRIN 1 (C-TERMINAL)
<b>Other names:</b>	NUCLEOPORIN NUP85
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			>1/32,000
Immunoprecipitation			▪	
Western Blotting	▪			1 - 3ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
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<b>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with:Rat, Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
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<b>Product Form</b>	Purified IgG - liquid
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<b>Antiserum Preparation</b>	Antisera to human pericentrin 1 (CT) were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide 0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide sequence C-ARAIIREGSLEGS corresponding to the C-terminal of pericentrin 1 (NP_079120).
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">Q9BW27</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">79902</a> NUP85 <a href="#">Related reagents</a>
<b>Synonyms</b>	NUP75, PCNT1
<b>RRID</b>	AB_2157669
<b>Specificity</b>	<b>Goat anti Human Pericentrin 1 antibody</b> recognises the C-terminal of human pericentrin 1, a ~75 kDa component of the filamentous matrix of the centrosome, expressed in all tissues. When associated with centrosome and Golgi localised protein kinase N-associated protein (CG-NAP), pericentrin 1 anchors the gamma-tubulin ring complex, providing a site for microtubule nucleation and the initial establishment of organized microtubule arrays. It binds calmodulin and is a constituent of nuclear pore proteins (nup) 107-160, a sub-complex of the nuclear pore complex. Pericentrin 1 is thought to play a role in the functioning of the centrosomes, cytoskeleton, and cell-cycle progression.
<b>Western Blotting</b>	AHP1092 detects a band of approximately 75kDa in Hela cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.
<b>Storage</b>	Store at +4°C or at -20°C if preferred.  This product should be stored undiluted.  Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP1092">https://www.bio-rad-antibodies.com/SDS/AHP1092</a> 10058
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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

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