

Datasheet: AHP1092

Description:	GOAT ANTI HUMAN PERICENTRIN 1 (C-TERMINAL)
Specificity:	PERICENTRIN 1 (C-TERMINAL)
Other names:	NUCLEOPORIN NUP85
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Species Cross Reactivity	Based on sequence similarity, is expected to react with: Rat, Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	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.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide sequence C-ARAIIREGSLEGS corresponding to the C-terminal of pericentrin 1 (NP_079120).

**External Database
Links**

UniProt:

[Q9BW27](#)

[Related reagents](#)

Entrez Gene:

[79902](#)

NUP85

[Related reagents](#)

Synonyms

NUP75, PCNT1

Specificity

Goat anti Human Pericentrin 1 antibody 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.

Western Blotting

AHP1092 detects a band of approximately 75kDa in Hela cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.

Storage

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.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10058 available at:
10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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