

Datasheet: AHP1092

BATCH NUMBER 164742

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. 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.

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 Stabilisers	0.02% Sodium Azide 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
RRID	AB_2157669
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	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP1092 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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