

Datasheet: AHP1092

BATCH NUMBER 180307

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| 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.

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| 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 | 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. |
| 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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