

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

Pericentrin antibody

RRID:AB_304461

Type: Antibody

Proper Citation

Abcam Cat# ab4448, RRID:AB_304461

Antibody Information

URL: http://antibodyregistry.org/AB_304461

Proper Citation: Abcam Cat# ab4448, RRID:AB_304461

Target Antigen: Pericentrin antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC, ICC/IF, IHC-FoFr, IHC-P, WB; Western Blot; Immunohistochemistry - frozen; Immunofluorescence; Immunocytochemistry; Immunohistochemistry - fixed; Immunohistochemistry

Antibody Name: Pericentrin antibody

Description: This polyclonal targets Pericentrin antibody

Target Organism: rat, mouse, rabbit, human

Antibody ID: AB_304461

Vendor: Abcam

Catalog Number: ab4448

Record Creation Time: 20250820T004849+0000

Record Last Update: 20250820T091615+0000

Ratings and Alerts

No rating or validation information has been found for Pericentrin antibody.

No alerts have been found for Pericentrin antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 89 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hung HF, et al. (2026) Centrosome linker protein CEP68 modulates cellular stress responses via nuclear condensate formation and HSP27 interaction. iScience, 29(7), 116491.

Bai Y, et al. (2026) Epigenetic Regulation of Chromosomal Instability by EZH2 Methyltransferase. Cancer discovery, 16(1), 135.

Pathak M, et al. (2026) Mouse germline cysts contain a fusome-like structure that mediates oocyte development. eLife, 14.

Aikawa A, et al. (2026) Camsap3-mediated microtubules maintain transzonal projections essential for soma-germ communication during ovarian follicle maturation in mice. iScience, 29(6), 115911.

Huang TT, et al. (2026) DHX9 inhibition enhances paclitaxel sensitivity by inducing mitotic failure in ovarian and endometrial cancers. Molecular cancer therapeutics.

Adams JM, et al. (2026) Heterotrimeric kinesin-2 autoinhibition mediated by interactions of the CC2 and proximal tail domains with the motor domains is essential for cilium formation and maintenance. bioRxiv : the preprint server for biology.

Wendel SO, et al. (2026) Targeting Cancer-Associated PCNA with AOH1996 Induces Mitotic Catastrophe and Enhances Cisplatin Therapy in Cervical Cancer. Cancer research communications, 6(5), 1220.

Gekko H, et al. (2025) Redistribution of fragmented mitochondria ensures symmetric organelle partitioning and faithful chromosome segregation in mitotic mouse zygotes. eLife, 13.

Rajeevan A, et al. (2025) Aurora A regulates the material property of spindle poles to orchestrate nuclear organization at mitotic exit. The EMBO journal.

Marotta VE, et al. (2025) OTUD6B regulates KIFC1-dependent centrosome clustering and breast cancer cell survival. EMBO reports, 26(4), 1003.

Shin J, et al. (2025) Growth factor-independent mTORC1 signaling promotes primary cilia length via suppression of autophagy. *iScience*, 28(12), 114204.

Tighe A, et al. (2025) Screening a living biobank identifies cabazitaxel as a strategy to combat acquired taxol resistance in high-grade serous ovarian cancer. *Cell reports. Medicine*, 6(6), 102160.

Barandun N, et al. (2025) Targeted localization of the mother centrosome in CD8+ T??cells undergoing asymmetric cell division promotes memory formation. *Cell reports*, 44(1), 115127.

Lu H, et al. (2025) Nuclear-cytoplasmic translocation of MCIDAS couples transcription with massive de novo centriole biogenesis in multiciliated cells. *Cell reports*, 44(10), 116321.

Vicente JJ, et al. (2025) The kinesin motor Kif9 regulates centriolar satellite positioning during interphase. *Current biology : CB*.

Pachinger C, et al. (2025) A conserved role for centriolar satellites in translation of centrosomal and ciliary proteins. *The Journal of cell biology*, 224(8).

Haykal MM, et al. (2025) Targeting WEE1 kinase as a therapeutic strategy in ATIP3-deficient breast cancers. *Cancer letters*, 620, 217665.

Chen Q, et al. (2025) Coiled-coil-domain-mediated TRIM E3 protein condensation modulates enzymatic activity and functional specificity. *Cell reports*, 44(6), 115766.

Miyazawa M, et al. (2025) Protocol for immunostaining of non-adherent cells and cellular structures using centrifugal filter devices. *STAR protocols*, 6(3), 103934.

Zaidi D, et al. (2024) Forebrain Eml1 depletion reveals early centrosomal dysfunction causing subcortical heterotopia. *The Journal of cell biology*, 223(12).