

Resource Summary Report

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Anti-Centromere Antibody

RRID:AB_2687472

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 15-234-0001, RRID:AB_2687472

Antibody Information

URL: http://antibodyregistry.org/AB_2687472

Proper Citation: Antibodies Incorporated Cat# 15-234-0001, RRID:AB_2687472

Target Antigen: Centromere

Host Organism: human

Clonality: polyclonal

Comments: Applications: ICC. Serum obtained from an autoimmune patient was tested at a series of dilutions by immunocytochemistry on ethanol-fixed Hep2 cells that were in log-phase growth. The staining pattern obtained was consistent with the pattern expected for anti-centromere staining.

Antibody Name: Anti-Centromere Antibody

Description: This polyclonal targets Centromere

Target Organism: rat, hamster, mouse, human

Defining Citation: [PMID:28633018](#)

Antibody ID: AB_2687472

Vendor: Antibodies Incorporated

Catalog Number: 15-234-0001

Record Creation Time: 20250819T235044+0000

Record Last Update: 20250820T063552+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Centromere Antibody.

No alerts have been found for Anti-Centromere Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Dudka D, et al. (2025) Adaptive evolution of CENP-T modulates centromere binding. *Current biology : CB*, 35(5), 1012.

Graham E, et al. (2025) The homologous recombination factors BRCA2 and PALB2 interplay with mismatch repair pathways to maintain centromere stability and cell viability. *Cell reports*, 44(2), 115259.

Rosas-Salvans M, et al. (2025) SKAP binding to microtubules reduces friction at the kinetochore-microtubule interface and increases attachment stability under force. *Current biology : CB*, 35(8), 1805.

Nosaka Y, et al. (2025) Generation of germinal-vesicle oocytes from mouse embryonic stem cells under an ovarian soma-free condition. *Developmental cell*.

Chotiner JY, et al. (2024) TRIP13 localizes to synapsed chromosomes and functions as a dosage-sensitive regulator of meiosis. *eLife*, 12.

Naso FD, et al. (2024) Aurka/TPX2 co-overexpression in nontransformed cells promotes genome instability through induction of chromosome mis-segregation and attenuation of the p53 signalling pathway. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(4), 167116.

Chen L, et al. (2023) Septin 9 controls CCNB1 stabilization via APC/CCDC20 during meiotic metaphase I/anaphase I transition in mouse oocytes. *Cell proliferation*, 56(2), e13359.

Trier I, et al. (2023) ATR protects centromere identity by promoting DAXX association with PML nuclear bodies. *Cell reports*, 42(5), 112495.

Pavani M, et al. (2023) Triap1 upregulation promotes escape from mitotic-slippage-induced G1 arrest. *Cell reports*, 42(3), 112215.

Wu J, et al. (2023) Microtubule nucleation from the fibrous corona by LIC1-pericentrin promotes chromosome congression. *Current biology : CB*, 33(5), 912.

Serpico AF, et al. (2022) Compartmentalized control of Cdk1 drives mitotic spindle assembly. *Cell reports*, 38(4), 110305.

Rosas-Salvans M, et al. (2022) The Astrin-SKAP complex reduces friction at the kinetochore-microtubule interface. *Current biology : CB*, 32(12), 2621.

Pesenti ME, et al. (2022) Structure of the human inner kinetochore CCAN complex and its significance for human centromere organization. *Molecular cell*, 82(11), 2113.

Yamada C, et al. (2022) TORC1 inactivation promotes APC/C-dependent mitotic slippage in yeast and human cells. *iScience*, 25(2), 103675.

Londoño-Vásquez D, et al. (2022) Microtubule organizing centers regulate spindle positioning in mouse oocytes. *Developmental cell*, 57(2), 197.

Hayward D, et al. (2022) MPS1 localizes to end-on microtubule-attached kinetochores to promote microtubule release. *Current biology : CB*, 32(23), 5200.

Shindo N, et al. (2022) Autocleavage of separase suppresses its premature activation by promoting binding to cyclin B1. *Cell reports*, 41(9), 111723.

Francois L, et al. (2022) BCAT1 redox function maintains mitotic fidelity. *Cell reports*, 41(3), 111524.

Ogushi S, et al. (2021) Loss of sister kinetochore co-orientation and peri-centromeric cohesin protection after meiosis I depends on cleavage of centromeric REC8. *Developmental cell*, 56(22), 3100.

Ippolito MR, et al. (2021) Gene copy-number changes and chromosomal instability induced by aneuploidy confer resistance to chemotherapy. *Developmental cell*, 56(17), 2440.