

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 [NIF](#) .

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

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.

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.

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.

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.

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

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.

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

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.

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.

Cheng EC, et al. (2021) The Essential Function of SETDB1 in Homologous Chromosome Pairing and Synapsis during Meiosis. *Cell reports*, 34(1), 108575.