

Resource Summary Report

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CENPA antibody [3-19] - ChIP Grade

RRID:AB_300766

Type: Antibody

Proper Citation

(Abcam Cat# ab13939, RRID:AB_300766)

Antibody Information

URL: http://antibodyregistry.org/AB_300766

Proper Citation: (Abcam Cat# ab13939, RRID:AB_300766)

Target Antigen: CENPA

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Western Blot; Chromatin IP, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P, Western Blot

Antibody Name: CENPA antibody [3-19] - ChIP Grade

Description: This monoclonal targets CENPA

Target Organism: human

Clone ID: Clone 3-19

Antibody ID: AB_300766

Vendor: Abcam

Catalog Number: ab13939

Ratings and Alerts

No rating or validation information has been found for CENPA antibody [3-19] - ChIP Grade.

No alerts have been found for CENPA antibody [3-19] - ChIP Grade.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Muys BR, et al. (2023) Matrin3 regulates mitotic spindle dynamics by controlling alternative splicing of CDC14B. Cell reports, 42(3), 112260.

Carnie CJ, et al. (2023) ERCC6L2 mitigates replication stress and promotes centromere stability. Cell reports, 42(4), 112329.

Saayman X, et al. (2023) Centromeres as universal hotspots of DNA breakage, driving RAD51-mediated recombination during quiescence. Molecular cell, 83(4), 523.

Zhang C, et al. (2022) LncRNA CCTT-mediated RNA-DNA and RNA-protein interactions facilitate the recruitment of CENP-C to centromeric DNA during kinetochore assembly. Molecular cell, 82(21), 4018.

Luessing J, et al. (2022) A function for ataxia telangiectasia and Rad3-related (ATR) kinase in cytokinetic abscission. iScience, 25(7), 104536.

Maier NK, et al. (2021) Separase cleaves the kinetochore protein Meikin at the meiosis I/II transition. Developmental cell, 56(15), 2192.

Wang X, et al. (2021) Centromeric chromatin integrity is compromised by loss of Cdk5rap2, a transcriptional activator of CENP-A. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 138, 111463.

Wang K, et al. (2021) Phosphorylation at Ser68 facilitates DCAF11-mediated ubiquitination and degradation of CENP-A during the cell cycle. Cell reports, 37(6), 109987.

Kuijt TEF, et al. (2020) A Biosensor for the Mitotic Kinase MPS1 Reveals Spatiotemporal Activity Dynamics and Regulation. Current biology : CB, 30(19), 3862.

Perea-Resa C, et al. (2020) Cohesin Removal Reprograms Gene Expression upon Mitotic Entry. Molecular cell, 78(1), 127.

Gemble S, et al. (2019) Centromere Dysfunction Compromises Mitotic Spindle Pole Integrity.

Current biology : CB, 29(18), 3072.

Swartz SZ, et al. (2019) Quiescent Cells Actively Replenish CENP-A Nucleosomes to Maintain Centromere Identity and Proliferative Potential. *Developmental cell*, 51(1), 35.

Roure V, et al. (2019) Reconstituting Drosophila Centromere Identity in Human Cells. *Cell reports*, 29(2), 464.

Leimbacher PA, et al. (2019) MDC1 Interacts with TOPBP1 to Maintain Chromosomal Stability during Mitosis. *Molecular cell*, 74(3), 571.

Pesenti ME, et al. (2018) Reconstitution of a 26-Subunit Human Kinetochore Reveals Cooperative Microtubule Binding by CENP-OPQUR and NDC80. *Molecular cell*, 71(6), 923.

Haase J, et al. (2017) Distinct Roles of the Chromosomal Passenger Complex in the Detection of and Response to Errors in Kinetochore-Microtubule Attachment. *Developmental cell*, 42(6), 640.

McNulty SM, et al. (2017) Human Centromeres Produce Chromosome-Specific and Array-Specific Alpha Satellite Transcripts that Are Complexed with CENP-A and CENP-C. *Developmental cell*, 42(3), 226.

Ali A, et al. (2017) MLL/WDR5 Complex Regulates Kif2A Localization to Ensure Chromosome Congression and Proper Spindle Assembly during Mitosis. *Developmental cell*, 41(6), 605.