Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

Histone H3 (di methyl K9) antibody [mAbcam 1220] - ChIP Grade

RRID:AB_449854
Type: Antibody

Proper Citation

(Abcam Cat# ab1220, RRID:AB_449854)

Antibody Information

URL: http://antibodyregistry.org/AB_449854

Proper Citation: (Abcam Cat# ab1220, RRID:AB_449854)

Target Antigen: Histone H3 (di methyl K9) antibody [mAbcam 1220] - ChIP Grade

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:2a;2a ChIP, ELISA, Flow Cyt, ICC/IF, IHC-P, IP, WB; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; ELISA; Immunofluorescence; ChIP; Flow Cytometry; Immunohistochemistry; Immunoprecipitation

Antibody Name: Histone H3 (di methyl K9) antibody [mAbcam 1220] - ChIP Grade

Description: This monoclonal targets Histone H3 (di methyl K9) antibody [mAbcam 1220] - ChIP Grade

Target Organism: chicken, spangt, feline, rat, felis nigripeslt, drosophilaarthropod, corn, xenopusamphibian, cow, fontstyleitalic 34, rice, gt, yeastfungi, mouse, chickenbird, plant, bovine, human

Antibody ID: AB_449854

Vendor: Abcam

Catalog Number: ab1220

Record Creation Time: 20241016T233437+0000

Record Last Update: 20241017T005503+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 320150 is available under ENCODE ID: ENCAB783AQT - ENCODE https://www.encodeproject.org/antibodies/ENCAB783AQT

No alerts have been found for Histone H3 (di methyl K9) antibody [mAbcam 1220] - ChIP Grade.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 106 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Shu J, et al. (2024) EMF1 functions as a 3D chromatin modulator in Arabidopsis. Molecular cell, 84(24), 4729.

Wang Z, et al. (2024) Histone demethylase PHF8 promotes prostate cancer metastasis via the E2F1-SNAI1 axis. The Journal of pathology, 264(1), 68.

Del Vecchio A, et al. (2024) PCGF6 controls murine Tuft cell differentiation via H3K9me2 modification independently of Polycomb repression. Developmental cell, 59(3), 368.

Stutzman AV, et al. (2024) Heterochromatic 3D genome organization is directed by HP1a- and H3K9-dependent and independent mechanisms. Molecular cell, 84(11), 2017.

Khanduja JS, et al. (2024) RNA quality control factors nucleate Clr4/SUV39H and trigger constitutive heterochromatin assembly. Cell, 187(13), 3262.

Alves-Lopes JP, et al. (2023) Specification of human germ cell fate with enhanced progression capability supported by hindgut organoids. Cell reports, 42(1), 111907.

Yang J, et al. (2023) Exposure to high-sugar diet induces transgenerational changes in sweet sensitivity and feeding behavior via H3K27me3 reprogramming. eLife, 12.

Xie SS, et al. (2023) JMJ28 guides sequence-specific targeting of ATX1/2-containing

COMPASS-like complex in Arabidopsis. Cell reports, 42(3), 112163.

Schvartzman JM, et al. (2023) Oncogenic IDH mutations increase heterochromatin-related replication stress without impacting homologous recombination. Molecular cell, 83(13), 2347.

Wang L, et al. (2023) TONSOKU is required for the maintenance of repressive chromatin modifications in Arabidopsis. Cell reports, 42(7), 112738.

Manjón AG, et al. (2023) Perturbations in 3D genome organization can promote acquired drug resistance. Cell reports, 42(10), 113124.

Hirai H, et al. (2023) TOR inactivation triggers heterochromatin formation in rDNA during glucose starvation. Cell reports, 42(11), 113320.

Jamge B, et al. (2023) Histone variants shape chromatin states in Arabidopsis. eLife, 12.

Pandit M, et al. (2023) Methionine consumption by cancer cells drives a progressive upregulation of PD-1 expression in CD4 T cells. Nature communications, 14(1), 2593.

Lee HG, et al. (2023) Site-specific R-loops induce CGG repeat contraction and fragile X gene reactivation. Cell, 186(12), 2593.

Milevskiy MJG, et al. (2023) Three-dimensional genome architecture coordinates key regulators of lineage specification in mammary epithelial cells. Cell genomics, 3(11), 100424.

Gray ZH, et al. (2023) Epigenetic balance ensures mechanistic control of MLL amplification and rearrangement. Cell, 186(21), 4528.

Wang SY, et al. (2022) Hypoxia induces transgenerational epigenetic inheritance of small RNAs. Cell reports, 41(11), 111800.

Crews FT, et al. (2022) Cholinergic REST-G9a gene repression through HMGB1-TLR4 neuroimmune signaling regulates basal forebrain cholinergic neuron phenotype. Frontiers in molecular neuroscience, 15, 992627.

Segelle A, et al. (2022) Histone marks regulate the epithelial-to-mesenchymal transition via alternative splicing. Cell reports, 38(7), 110357.