Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 16, 2025

Histone H3 (acetyl K9) antibody - ChIP Grade

RRID:AB_2118292
Type: Antibody

Proper Citation

(Abcam Cat# ab4441, RRID:AB_2118292)

Antibody Information

URL: http://antibodyregistry.org/AB_2118292

Proper Citation: (Abcam Cat# ab4441, RRID:AB_2118292)

Target Antigen: HIST1H3A

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunoprecipitation, immunocytochemistry

Antibody Name: Histone H3 (acetyl K9) antibody - ChIP Grade

Description: This polyclonal targets HIST1H3A

Target Organism: human

Antibody ID: AB_2118292

Vendor: Abcam

Catalog Number: ab4441

Record Creation Time: 20231110T050353+0000

Record Last Update: 20241115T045620+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 360927 is available under ENCODE ID: ENCAB874PYE - ENCODE https://www.encodeproject.org/antibodies/ENCAB874PYE

No alerts have been found for Histone H3 (acetyl K9) antibody - ChIP Grade.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 65 mentions in open access literature.

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

Bryan E, et al. (2025) Nucleosomal asymmetry shapes histone mark binding and promotes poising at bivalent domains. Molecular cell, 85(3), 471.

Dror I, et al. (2024) XIST directly regulates X-linked and autosomal genes in naive human pluripotent cells. Cell, 187(1), 110.

Kang TS, et al. (2024) YZL-51N functions as a selective inhibitor of SIRT7 by NAD+ competition to impede DNA damage repair. iScience, 27(6), 110014.

Sakamoto M, et al. (2024) Detection of newly synthesized RNA reveals transcriptional reprogramming during ZGA and a role of Obox3 in totipotency acquisition. Cell reports, 43(4), 114118.

Bi S, et al. (2024) The sirtuin-associated human senescence program converges on the activation of placenta-specific gene PAPPA. Developmental cell.

Shao Q, et al. (2023) ATF7IP2, a meiosis-specific partner of SETDB1, is required for proper chromosome remodeling and crossover formation during spermatogenesis. Cell reports, 42(8), 112953.

Pickles OJ, et al. (2023) MHC Class II is Induced by IFN? and Follows Three Distinct Patterns of Expression in Colorectal Cancer Organoids. Cancer research communications, 3(8), 1501.

Nicosia L, et al. (2023) Therapeutic targeting of EP300/CBP by bromodomain inhibition in hematologic malignancies. Cancer cell, 41(12), 2136.

Oger F, et al. (2023) Pharmacological HDAC inhibition impairs pancreatic ?-cell function through an epigenome-wide reprogramming. iScience, 26(7), 107231.

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

Swaffer MP, et al. (2023) RNA polymerase II dynamics and mRNA stability feedback scale mRNA amounts with cell size. Cell, 186(24), 5254.

Whetstine JR, et al. (2022) A cell-sorting-based protocol for cell cycle small-scale ChIP sequencing. STAR protocols, 3(2), 101243.

Bochy?ska A, et al. (2022) Induction of senescence upon loss of the Ash2l core subunit of H3K4 methyltransferase complexes. Nucleic acids research, 50(14), 7889.

Zhang J, et al. (2022) Adiponectin ameliorates hypertrophic scar by inhibiting Yes-associated protein transcription through SIRT1-mediated deacetylation of C/EBP? and histone H3. iScience, 25(10), 105236.

Wang T, et al. (2022) Gut microbiota shapes social dominance through modulating HDAC2 in the medial prefrontal cortex. Cell reports, 38(10), 110478.

Olsen SN, et al. (2022) MLL::AF9 degradation induces rapid changes in transcriptional elongation and subsequent loss of an active chromatin landscape. Molecular cell, 82(6), 1140.

Rang FJ, et al. (2022) Single-cell profiling of transcriptome and histone modifications with EpiDamID. Molecular cell, 82(10), 1956.

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

Pan H, et al. (2022) Chromosomal instability-associated MAT1 lncRNA insulates MLL1-guided histone methylation and accelerates tumorigenesis. Cell reports, 41(11), 111829.

Marasco LE, et al. (2022) Counteracting chromatin effects of a splicing-correcting antisense oligonucleotide improves its therapeutic efficacy in spinal muscular atrophy. Cell, 185(12), 2057.