

Resource Summary Report

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

Anti-Histone H3 antibody - Nuclear Loading Control and ChIP Grade

RRID:AB_302613

Type: Antibody

Proper Citation

(Abcam Cat# ab1791, RRID:AB_302613)

Antibody Information

URL: http://antibodyregistry.org/AB_302613

Proper Citation: (Abcam Cat# ab1791, RRID:AB_302613)

Target Antigen: Histone H3

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ICC, IHC-P, ChIP, IP, WB

Antibody Name: Anti-Histone H3 antibody - Nuclear Loading Control and ChIP Grade

Description: This polyclonal targets Histone H3

Target Organism: dmelanogaster, chicken, scerevisiae, rat, athaliana, rice, celegans, mouse, xlaevis, zebrafish, dog, human, ferret

Antibody ID: AB_302613

Vendor: Abcam

Catalog Number: ab1791

Record Creation Time: 20241016T220556+0000

Record Last Update: 20241016T221202+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 238948 is available under ENCODE ID: ENCAB928HBB - ENCODE <https://www.encodeproject.org/antibodies/ENCAB928HBB>

No alerts have been found for Anti-Histone H3 antibody - Nuclear Loading Control and ChIP Grade.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 643 mentions in open access literature.

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

Muñoz S, et al. (2024) SIN3A histone deacetylase action counteracts MUS81 to promote stalled fork stability. *Cell reports*, 43(2), 113778.

Kawatake-Kuno A, et al. (2024) Sustained antidepressant effects of ketamine metabolite involve GABAergic inhibition-mediated molecular dynamics in aPVT glutamatergic neurons. *Neuron*.

Rageul J, et al. (2024) Poly(ADP-ribosyl)ation of TIMELESS limits DNA replication stress and promotes stalled fork protection. *Cell reports*, 43(3), 113845.

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

Si X, et al. (2024) Mitochondrial isocitrate dehydrogenase impedes CAR T cell function by restraining antioxidant metabolism and histone acetylation. *Cell metabolism*, 36(1), 176.

Muhammad T, et al. (2024) Non-cell-autonomous regulation of germline proteostasis by insulin/IGF-1 signaling-induced dietary peptide uptake via PEPT-1. *The EMBO journal*, 43(21), 4892.

Jiang J, et al. (2024) Substrate specificity and protein stability drive the divergence of plant-specific DNA methyltransferases. *Science advances*, 10(45), eadr2222.

Kaur M, et al. (2024) Noradrenaline enhances Na-K ATPase subunit expression by HuR-induced mRNA stabilization and their transportation to the cell surface through PLC and PKC mediated pathway: Implications with REMS-loss associated disorders. *Journal of neurochemistry*, 168(9), 2561.

Huttunen J, et al. (2024) EP300/CREBBP acetyltransferase inhibition limits steroid receptor

and FOXA1 signaling in prostate cancer cells. Cellular and molecular life sciences : CMLS, 81(1), 160.

Vergnes L, et al. (2024) Gene Regulation and Mitochondrial Activity During White and Brown Adipogenesis Are Modulated by KDM5 Histone Demethylase. Journal of the Endocrine Society, 8(4), bvae029.

Zhao J, et al. (2024) H2AK119ub1 differentially fine-tunes gene expression by modulating canonical PRC1- and H1-dependent chromatin compaction. Molecular cell, 84(7), 1191.

Qian H, et al. (2024) Follws1-driven nuclear translocation of deacetylated FoITFIIS ensures conidiation of Fusarium oxysporum. Cell reports, 43(8), 114588.

Lerra L, et al. (2024) An RNA-dependent and phase-separated active subnuclear compartment safeguards repressive chromatin domains. Molecular cell, 84(9), 1667.

Liang F, et al. (2024) DOT1L/H3K79me2 represses HIV-1 reactivation via recruiting DCAF1. Cell reports, 43(7), 114368.

Zheng JH, et al. (2024) A CLIC1 network coordinates matrix stiffness and the Warburg effect to promote tumor growth in pancreatic cancer. Cell reports, 43(8), 114633.

Blawski R, et al. (2024) Methylation of the chromatin modifier KMT2D by SMYD2 contributes to therapeutic response in hormone-dependent breast cancer. Cell reports, 43(5), 114174.

McNeil JB, et al. (2024) 1,10-phenanthroline inhibits sumoylation and reveals that yeast SUMO modifications are highly transient. EMBO reports, 25(1), 68.

Leszczynska KB, et al. (2024) H2A.Z histone variants facilitate HDACi-dependent removal of H3.3K27M mutant protein in pediatric high-grade glioma cells. Cell reports, 43(2), 113707.

Liu Z, et al. (2024) FANCM promotes PARP inhibitor resistance by minimizing ssDNA gap formation and counteracting resection inhibition. Cell reports, 43(7), 114464.

Chen T, et al. (2024) Exosomes-mediated retinoic acid disruption: A link between gut microbiota depletion and impaired spermatogenesis. Toxicology, 508, 153907.