

Resource Summary Report

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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: 20250819T220317+0000

Record Last Update: 20250820T005748+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 720 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Fan S, et al. (2026) Site-specific phosphorylation of LRP regulates FLC chromatin looping and flowering. *Science advances*, 12(1), eadz0645.

Liu L, et al. (2025) CXCR4-LASP1-G9a-SNAIL axis drives NEPC transdifferentiation via induction of EMT and downregulation of REST. *Cell genomics*, 5(8), 100916.

Shen X, et al. (2025) Targeting pancreatic cancer glutamine dependency confers vulnerability to GPX4-dependent ferroptosis. *Cell reports. Medicine*, 6(2), 101928.

Ji H, et al. (2025) ENPP1 governs the metabolic regulation of effector T cells in autoimmunity by detecting cytosolic mitochondrial DNA. *Cell reports*, 44(6), 115851.

Ingham A, et al. (2025) CRAMP1-dependent histone H1 biogenesis is essential for topoisomerase II inhibitor tolerance. *Molecular cell*, 85(13), 2487.

Yang Z, et al. (2025) Hypoxia inducible factor-1 α drives cancer resistance to cuproptosis. *Cancer cell*, 43(5), 937.

Boswell CW, et al. (2025) Genetically encoded affinity reagents are a toolkit for visualizing and manipulating endogenous protein function in vivo. *Nature communications*, 16(1), 5503.

Dillingham CM, et al. (2025) KDM3A and KDM3B regulate alternative splicing in mouse pluripotent stem cells. *iScience*, 28(6), 112612.

Baluapuri A, et al. (2025) Integrator loss leads to dsRNA formation that triggers the integrated stress response. *Cell*, 188(12), 3184.

Gomes MC, et al. (2025) Shigella-trained pro-inflammatory macrophages protect zebrafish from secondary infection. *Cell reports*, 44(5), 115601.

Huang Y, et al. (2025) Tumor suppressor protein p53 governs human trophoblast lineage development. *Cell reports*, 44(10), 116310.

Sethi SC, et al. (2025) Chromatin remodeling activity of EP400 safeguards chromosomal stability by preventing CENP-A mislocalization. *Cell reports*, 44(11), 116423.

Zeng R, et al. (2025) A natural variant of COOL1 gene enhances cold tolerance for high-latitude adaptation in maize. *Cell*, 188(5), 1315.

Isshiki Y, et al. (2025) EZH2 inhibition enhances T cell immunotherapies by inducing lymphoma immunogenicity and improving T cell function. *Cancer cell*, 43(1), 49.

Labaf M, et al. (2025) Heterogeneous Responses to High-Dose Testosterone in Castration-Resistant Prostate Cancer Tumors with Mixed Rb-Proficient and Rb-Deficient Cells. *Molecular cancer therapeutics*, 24(5), 772.

Gourisankar S, et al. (2025) Synaptic activity causes minute-scale changes in BAF complex composition and function. *Molecular cell*, 85(12), 2374.

Brockett AT, et al. (2025) Healthy aging in rats is associated with a decline in the ability to inhibit maladaptive responses, but not in measures of self-control by delayed gratification. *Frontiers in aging neuroscience*, 17, 1579934.

Peng Z, et al. (2025) YEATS4 reads histone crotonylation to promote fatty acid metabolism and cancer cell stemness. *Cell reports*, 44(10), 116400.

Tatarakis A, et al. (2025) Requirements for establishment and epigenetic stability of mammalian heterochromatin. *Molecular cell*, 85(18), 3388.

Li L, et al. (2025) $\alpha 2$ integrin regulates neutrophil trans endothelial migration following traumatic brain injury. *Cell communication and signaling : CCS*, 23(1), 70.