

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

Histone H2A (D6O3A) Antibody

RRID:AB_2687875

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 12349, RRID:AB_2687875

Antibody Information

URL: http://antibodyregistry.org/AB_2687875

Proper Citation: Cell Signaling Technology Cat# 12349, RRID:AB_2687875

Target Antigen: Histone H2A

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, ChIP

Antibody Name: Histone H2A (D6O3A) Antibody

Description: This monoclonal targets Histone H2A

Target Organism: guinea pig, monkey, rat, mouse, zebrafish, human

Clone ID: D6O3A

Antibody ID: AB_2687875

Vendor: Cell Signaling Technology

Catalog Number: 12349

Alternative Catalog Numbers: 12349S

Record Creation Time: 20231110T034040+0000

Record Last Update: 20260901T060642+0000

Ratings and Alerts

No rating or validation information has been found for Histone H2A (D6O3A) Antibody.

No alerts have been found for Histone H2A (D6O3A) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Marmolejo CO, et al. (2026) Precise control of transcription condensates across S phase balances linker histone expression with DNA replication, ensuring genome stability. Molecular cell, 86(4), 640.

Cmarik EA, et al. (2026) Inhibition of USP7 Destabilizes the Noncanonical PRC1.1 Complex and Induces Neuroblastoma Differentiation. Molecular cancer research : MCR, 24(7), 555.

Zhao T, et al. (2025) Derepressing nuclear pyruvate dehydrogenase induces therapeutic cancer cell reprogramming. Cell metabolism, 37(8), 1667.

Wei M, et al. (2023) SENP1 Decreases RNF168 Phase Separation to Promote DNA Damage Repair and Drug Resistance in Colon Cancer. Cancer research, 83(17), 2908.

Yu Q, et al. (2023) Long non-coding RNA LHX1-DT regulates cardiomyocyte differentiation through H2A.Z-mediated LHX1 transcriptional activation. iScience, 26(11), 108051.

Sundararajan S, et al. (2023) Methylated histones on mitotic chromosomes promote topoisomerase II?? function for high fidelity chromosome segregation. iScience, 26(5), 106743.

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. Molecular cell, 82(24), 4627.

Chomiak AA, et al. (2022) Nde1 is required for heterochromatin compaction and stability in neocortical neurons. iScience, 25(6), 104354.

Guo Y, et al. (2022) Histone H2A ubiquitination resulting from Brap loss of function connects multiple aging hallmarks and accelerates neurodegeneration. iScience, 25(7), 104519.

Shin MK, et al. (2021) Reducing acetylated tau is neuroprotective in brain injury. Cell, 184(10), 2715.

Noguchi Y, et al. (2021) Microscopic image-based covariation network analysis for actin scaffold-modified insulin signaling. *iScience*, 24(7), 102724.

Cheng LC, et al. (2021) Alternative 3' UTRs play a widespread role in translation-independent mRNA association with the endoplasmic reticulum. *Cell reports*, 36(3), 109407.

Stegen S, et al. (2020) Glutamine Metabolism Controls Chondrocyte Identity and Function. *Developmental cell*, 53(5), 530.

Kim J, et al. (2018) Replication Stress Shapes a Protective Chromatin Environment across Fragile Genomic Regions. *Molecular cell*, 69(1), 36.

Kolluri KK, et al. (2018) Loss of functional BAP1 augments sensitivity to TRAIL in cancer cells. *eLife*, 7.

Yu Y, et al. (2018) Targeting the Senescence-Overriding Cooperative Activity of Structurally Unrelated H3K9 Demethylases in Melanoma. *Cancer cell*, 33(2), 322.

Dunn CJ, et al. (2017) Histone Hypervariants H2A.Z.1 and H2A.Z.2 Play Independent and Context-Specific Roles in Neuronal Activity-Induced Transcription of Arc/Arg3.1 and Other Immediate Early Genes. *eNeuro*, 4(4).