

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Mar 31, 2025

## Histone H2A antibody - ChIP Grade

RRID:AB\_470265

Type: Antibody

### Proper Citation

(Abcam Cat# ab18255, RRID:AB\_470265)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_470265](http://antibodyregistry.org/AB_470265)

**Proper Citation:** (Abcam Cat# ab18255, RRID:AB\_470265)

**Target Antigen:** Histone H2A antibody - ChIP Grade

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ChIP, ICC/IF, IHC-P, WB; Immunohistochemistry; Immunohistochemistry - fixed; Other; Western Blot; Immunocytochemistry; Immunoprecipitation; Immunofluorescence; ChIP

**Antibody Name:** Histone H2A antibody - ChIP Grade

**Description:** This polyclonal targets Histone H2A antibody - ChIP Grade

**Target Organism:** mouse, human

**Antibody ID:** AB\_470265

**Vendor:** Abcam

**Catalog Number:** ab18255

**Record Creation Time:** 20231110T080906+0000

**Record Last Update:** 20241115T013954+0000

## Ratings and Alerts

No rating or validation information has been found for Histone H2A antibody - ChIP Grade.

No alerts have been found for Histone H2A antibody - ChIP Grade.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Caggiano R, et al. (2025) Suppression of ADP-ribosylation reversal triggers cell vulnerability to alkylating agents. *Neoplasia* (New York, N.Y.), 59, 101092.

Ji D, et al. (2024) FACT mediates the depletion of macroH2A1.2 to expedite gene transcription. *Molecular cell*, 84(16), 3011.

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.

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

Li Q, et al. (2023) Differential requirement for BRCA1-BARD1 E3 ubiquitin ligase activity in DNA damage repair and meiosis in the *Caenorhabditis elegans* germ line. *PLoS genetics*, 19(1), e1010457.

Mandemaker IK, et al. (2023) The histone chaperone ANP32B regulates chromatin incorporation of the atypical human histone variant macroH2A. *Cell reports*, 42(10), 113300.

Trier I, et al. (2023) ATR protects centromere identity by promoting DAXX association with PML nuclear bodies. *Cell reports*, 42(5), 112495.

Uchihara Y, et al. (2022) DNA damage promotes HLA class I presentation by stimulating a pioneer round of translation-associated antigen production. *Molecular cell*, 82(14), 2557.

Sheban D, et al. (2022) SUMOylation of linker histone H1 drives chromatin condensation and restriction of embryonic cell fate identity. *Molecular cell*, 82(1), 106.

Tang Y, et al. (2022) PNET2 is a component of the plant nuclear lamina and is required for proper genome organization and activity. *Developmental cell*, 57(1), 19.

Mohr L, et al. (2021) ER-directed TREX1 limits cGAS activation at micronuclei. *Molecular cell*, 81(4), 724.

Li MY, et al. (2021) UV-induced reduction in Polycomb repression promotes epidermal pigmentation. *Developmental cell*, 56(18), 2547.

Kim CR, et al. (2020) PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. *Cell reports*, 32(4), 107950.

Jeppesen DK, et al. (2019) Reassessment of Exosome Composition. *Cell*, 177(2), 428.

Luense LJ, et al. (2019) Gcn5-Mediated Histone Acetylation Governs Nucleosome Dynamics in Spermiogenesis. *Developmental cell*, 51(6), 745.

Gruber JJ, et al. (2019) HAT1 Coordinates Histone Production and Acetylation via H4 Promoter Binding. *Molecular cell*, 75(4), 711.

Su W, et al. (2019) The Polycomb Repressor Complex 1 Drives Double-Negative Prostate Cancer Metastasis by Coordinating Stemness and Immune Suppression. *Cancer cell*, 36(2), 139.

Dueva R, et al. (2019) Neutralization of the Positive Charges on Histone Tails by RNA Promotes an Open Chromatin Structure. *Cell chemical biology*, 26(10), 1436.

Wang L, et al. (2019) Histone Modifications Regulate Chromatin Compartmentalization by Contributing to a Phase Separation Mechanism. *Molecular cell*, 76(4), 646.

Bakail M, et al. (2019) Design on a Rational Basis of High-Affinity Peptides Inhibiting the Histone Chaperone ASF1. *Cell chemical biology*, 26(11), 1573.