Resource Summary Report

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

Rabbit Anti-Histone H4 ChIP Grade Polyclonal Antibody, Unconjugated

RRID:AB_296888
Type: Antibody

Proper Citation

(Abcam Cat# ab10158, RRID:AB_296888)

Antibody Information

URL: http://antibodyregistry.org/AB_296888

Proper Citation: (Abcam Cat# ab10158, RRID:AB_296888)

Target Antigen: Histone H4

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Immunoprecipitation; Other; Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P, Western Blot

Antibody Name: Rabbit Anti-Histone H4 ChIP Grade Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Histone H4

Target Organism: other, rat, yeast, mouse, human

Antibody ID: AB_296888

Vendor: Abcam

Catalog Number: ab10158

Record Creation Time: 20241016T222532+0000

Record Last Update: 20241016T225109+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Histone H4 ChIP Grade Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Histone H4 ChIP Grade Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Li N, et al. (2024) Hippocampal HDAC5-mediated histone acetylation underlies stress susceptibility in mice exposed to chronic social defeat stress. Neuroscience, 557, 89.

Brenes AJ, et al. (2024) Proteomic and functional comparison between human induced and embryonic stem cells. eLife, 13.

Lin YH, et al. (2023) Ketone bodies promote stroke recovery via GAT-1-dependent cortical network remodeling. Cell reports, 42(4), 112294.

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

Lee SC, et al. (2023) Chromatin remodeling of histone H3 variants by DDM1 underlies epigenetic inheritance of DNA methylation. Cell, 186(19), 4100.

Tan ZY, et al. (2023) Heterogeneous non-canonical nucleosomes predominate in yeast cells in situ. eLife, 12.

Leung W, et al. (2023) FANCD2-dependent mitotic DNA synthesis relies on PCNA K164 ubiquitination. Cell reports, 42(12), 113523.

Perez-Perri JI, et al. (2023) The RNA-binding protein landscapes differ between mammalian organs and cultured cells. Nature communications, 14(1), 2074.

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.

Chakraborty S, et al. (2022) Heat-induced SIRT1-mediated H4K16ac deacetylation impairs resection and SMARCAD1 recruitment to double strand breaks. iScience, 25(4), 104142.

Sasaki K, et al. (2022) Visualization of the dynamic interaction between nucleosomal histone H3K9 tri-methylation and HP1? chromodomain in living cells. Cell chemical biology, 29(7), 1153.

Srour N, et al. (2022) PRMT7 ablation stimulates anti-tumor immunity and sensitizes melanoma to immune checkpoint blockade. Cell reports, 38(13), 110582.

Yang L, et al. (2022) Ketogenic diet and chemotherapy combine to disrupt pancreatic cancer metabolism and growth. Med (New York, N.Y.), 3(2), 119.

Slaughter MJ, et al. (2021) HDAC inhibition results in widespread alteration of the histone acetylation landscape and BRD4 targeting to gene bodies. Cell reports, 34(3), 108638.

Shiimori M, et al. (2021) Suv4-20h2 protects against influenza virus infection by suppression of chromatin loop formation. iScience, 24(6), 102660.

Gao M, et al. (2021) Metabolically controlled histone H4K5 acylation/acetylation ratio drives BRD4 genomic distribution. Cell reports, 36(4), 109460.

Haag D, et al. (2021) H3.3-K27M drives neural stem cell-specific gliomagenesis in a human iPSC-derived model. Cancer cell, 39(3), 407.

Regadas I, et al. (2021) A unique histone 3 lysine 14 chromatin signature underlies tissue-specific gene regulation. Molecular cell, 81(8), 1766.

Shen M, et al. (2021) A proteomic view on the differential phenotype of Schwann cells derived from mouse sensory and motor nerves. The Journal of comparative neurology, 529(6), 1240.

Cao X, et al. (2020) Histone H4K20 Demethylation by Two hHR23 Proteins. Cell reports, 30(12), 4152.