

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

Mouse Anti-Histone H4 Monoclonal Antibody, Unconjugated, Clone mAbcam 31830

RRID:AB_1209246

Type: Antibody

Proper Citation

Abcam Cat# ab31830, RRID:AB_1209246

Antibody Information

URL: http://antibodyregistry.org/AB_1209246

Proper Citation: Abcam Cat# ab31830, RRID:AB_1209246

Target Antigen: Histone H4

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Western Blot

Antibody Name: Mouse Anti-Histone H4 Monoclonal Antibody, Unconjugated, Clone mAbcam 31830

Description: This monoclonal targets Histone H4

Target Organism: bovine, human

Clone ID: Clone mAbcam 31830

Antibody ID: AB_1209246

Vendor: Abcam

Catalog Number: ab31830

Record Creation Time: 20250820T014956+0000

Record Last Update: 20250820T115834+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Histone H4 Monoclonal Antibody, Unconjugated, Clone mAbcam 31830.

No alerts have been found for Mouse Anti-Histone H4 Monoclonal Antibody, Unconjugated, Clone mAbcam 31830.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Porter RS, et al. (2025) Coordinated neuron-specific splicing events restrict nucleosome engagement of the LSD1 histone demethylase complex. *Cell reports*, 44(1), 115213.

Hacisuleyman E, et al. (2024) Neuronal activity rapidly reprograms dendritic translation via eIF4G2:uORF binding. *Nature neuroscience*, 27(5), 822.

Yan P, et al. (2024) Midkine as a driver of age-related changes and increase in mammary tumorigenesis. *Cancer cell*, 42(11), 1936.

Gleason RJ, et al. (2023) Developmentally programmed histone H3 expression regulates cellular plasticity at the parental-to-early embryo transition. *Science advances*, 9(14), eadh0411.

Yang B, et al. (2023) Creatine kinase brain-type regulates BCAR1 phosphorylation to facilitate DNA damage repair. *iScience*, 26(5), 106684.

Samejima I, et al. (2022) Mapping the invisible chromatin transactions of prophase chromosome remodeling. *Molecular cell*, 82(3), 696.

Xu SJ, et al. (2021) Chromatin-mediated alternative splicing regulates cocaine-reward behavior. *Neuron*, 109(18), 2943.

Mulvaney KM, et al. (2021) Molecular basis for substrate recruitment to the PRMT5 methylosome. *Molecular cell*, 81(17), 3481.

Terranova CJ, et al. (2021) Reprogramming of H3K9bhb at regulatory elements is a key feature of fasting in the small intestine. *Cell reports*, 37(8), 110044.

Bao X, et al. (2019) Glutarylation of Histone H4 Lysine 91 Regulates Chromatin Dynamics. *Molecular cell*, 76(4), 660.

Chen T, et al. (2019) Ultrastructure of spermiogenesis and the distribution of spermatozoal nuclear histones in the Japanese mantis shrimp, *Oratosquilla oratoria* (Crustacea: Stomatopoda). *Journal of morphology*, 280(8), 1170.

Jullien J, et al. (2017) Gene Resistance to Transcriptional Reprogramming following Nuclear Transfer Is Directly Mediated by Multiple Chromatin-Repressive Pathways. *Molecular cell*, 65(5), 873.

Brejci K, et al. (2017) Dynamic Control of X Chromosome Conformation and Repression by a Histone H4K20 Demethylase. *Cell*, 171(1), 85.

Hermanseder E, et al. (2017) H3K4 Methylation-Dependent Memory of Somatic Cell Identity Inhibits Reprogramming and Development of Nuclear Transfer Embryos. *Cell stem cell*, 21(1), 135.