Resource Summary Report

Generated by RRID on Jul 29, 2026

H3ac-mouse

RRID:AB_2115283
Type: Antibody

Proper Citation

Millipore Cat# 06-599, RRID:AB_2115283

Antibody Information

URL: http://antibodyregistry.org/AB_2115283

Proper Citation: Millipore Cat# 06-599, RRID:AB_2115283

Target Antigen: H3ac

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot unknown for any cell type or tissues; status is awaiting lab characterization

Antibody Name: H3ac-mouse

Description: This polyclonal targets H3ac

Target Organism: mus musculus

Defining Citation: PMID:17226794

Antibody ID: AB_2115283

Vendor: Millipore

Catalog Number: 06-599

Record Creation Time: 20250820T062201+0000

Record Last Update: 20250820T235507+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB000AHF - ENCODE https://www.encodeproject.org/antibodies/ENCAB000AHF

No alerts have been found for H3ac-mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 77 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Ye Z, et al. (2025) lncRNA ENST000000454471 promotes lung adenocarcinoma progression and tumor immune escape: Protein structure and biological functions of histone deacetylase 8. International journal of biological macromolecules, 303, 140664.

Nguyen PTT, et al. (2025) Acetyl-CoA synthesis in the skin is a key determinant of systemic lipid homeostasis. Cell reports, 44(2), 115284.

Kaur R, et al. (2025) Histone acetylation modulation by a small molecule inhibitor recapitulates symbiont-induced cytoplasmic incompatibility. Cell reports, 44(10), 116416.

Leszczynska KB, et al. (2024) H2A.Z histone variants facilitate HDACi-dependent removal of H3.3K27M mutant protein in pediatric high-grade glioma cells. Cell reports, 43(2), 113707.

Yu X, et al. (2024) Acetyl-CoA metabolism maintains histone acetylation for syncytialization of human placental trophoblast stem cells. Cell stem cell, 31(9), 1280.

Hui Y, et al. (2024) High glucose impairs cognitive function through inducing mitochondrial calcium overload in Treg cells. iScience, 27(1), 108689.

Phongbunchoo Y, et al. (2024) YY1-mediated enhancer-promoter communication in the immunoglobulin ? locus is regulated by MSL/MOF recruitment. Cell reports, 43(7), 114456.

Wu SY, et al. (2024) IDR-targeting compounds suppress HPV genome replication via disruption of phospho-BRD4 association with DNA damage response factors. Molecular cell, 84(2), 202.

Robey RW, et al. (2024) The Methyltransferases METTL7A and METTL7B Confer Resistance to Thiol-Based Histone Deacetylase Inhibitors. Molecular cancer therapeutics, 23(4), 464.

Dalla Torre M, et al. (2024) Mitochondria remodeling during endometrial stromal cell decidualization. Life science alliance, 7(12).

Shen SY, et al. (2024) Optimizing rice grain size by attenuating phosphorylation-triggered functional impairment of a chromatin modifier ternary complex. Developmental cell, 59(4), 448.

Armani-Tourret M, et al. (2024) Selection of epigenetically privileged HIV-1 proviruses during treatment with panobinostat and interferon-?2a. Cell, 187(5), 1238.

Nokin MJ, et al. (2024) In vivo vulnerabilities to GPX4 and HDAC inhibitors in drug-persistent versus drug-resistant BRAFV600E lung adenocarcinoma. Cell reports. Medicine, 5(8), 101663.

Lu Y, et al. (2024) ALDH1A3-acetaldehyde metabolism potentiates transcriptional heterogeneity in melanoma. Cell reports, 43(7), 114406.

Worthy AE, et al. (2024) Spinal V1 inhibitory interneuron clades differ in birthdate, projections to motoneurons, and heterogeneity. eLife, 13.

Kurita H, et al. (2024) Epigenetic alternations in the SYP and DLG4 genes due to low-level methylmercury exposure during neuronal differentiation in vitro. Journal of applied toxicology : JAT.

Baran M, et al. (2023) PYHIN protein IFI207 regulates cytokine transcription and IRF7 and contributes to the establishment of K. pneumoniae infection. Cell reports, 42(4), 112341.

Soriano-Baguet L, et al. (2023) Pyruvate dehydrogenase fuels a critical citrate pool that is essential for Th17 cell effector functions. Cell reports, 42(3), 112153.

Luda KM, et al. (2023) Ketolysis drives CD8+ T cell effector function through effects on histone acetylation. Immunity, 56(9), 2021.

Chang Y, et al. (2022) Substrate rigidity dictates colorectal tumorigenic cell stemness and metastasis via CRAD-dependent mechanotransduction. Cell reports, 38(7), 110390.