Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

Acetyl-Histone H3 (Lys14) (D4B9) Rabbit mAb

RRID:AB_10839410
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 7627, RRID:AB_10839410)

Antibody Information

URL: http://antibodyregistry.org/AB_10839410

Proper Citation: (Cell Signaling Technology Cat# 7627, RRID:AB_10839410)

Target Antigen: Acetyl-Histone H3 (Lys14) (D4B9) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F, ChIP, ChIP-seq

Antibody Name: Acetyl-Histone H3 (Lys14) (D4B9) Rabbit mAb

Description: This monoclonal targets Acetyl-Histone H3 (Lys14) (D4B9) Rabbit mAb

Target Organism: rat, drosophilaarthropod, hm, hamster, xenopusamphibian, porcine, h, dm, hr, m, horse, yeastfungi, sc, mouse, r, zebrafishfish, pg, x, z, human, mk

Antibody ID: AB_10839410

Vendor: Cell Signaling Technology

Catalog Number: 7627

Record Creation Time: 20241016T233344+0000

Record Last Update: 20241017T005343+0000

Ratings and Alerts

No rating or validation information has been found for Acetyl-Histone H3 (Lys14) (D4B9) Rabbit mAb.

No alerts have been found for Acetyl-Histone H3 (Lys14) (D4B9) Rabbit mAb.

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 FDI Lab - SciCrunch.org.

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.

Shi W, et al. (2024) Lactic acid induces transcriptional repression of macrophage inflammatory response via histone acetylation. Cell reports, 43(2), 113746.

Fu JY, et al. (2024) Lysine acetyltransferase 6A maintains CD4+ T cell response via epigenetic reprogramming of glucose metabolism in autoimmunity. Cell metabolism, 36(3), 557.

Kuo TL, et al. (2023) ARID1A loss in pancreas leads to islet developmental defect and metabolic disturbance. iScience, 26(1), 105881.

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

Ghildiyal R, et al. (2022) Loss of Long Noncoding RNA NXTAR in Prostate Cancer Augments Androgen Receptor Expression and Enzalutamide Resistance. Cancer research, 82(1), 155.

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

George J, et al. (2022) Cancer stem cells, not bulk tumor cells, determine mechanisms of resistance to SMO inhibitors. Cancer research communications, 2(6), 402.

Miao L, et al. (2022) The landscape of pioneer factor activity reveals the mechanisms of chromatin reprogramming and genome activation. Molecular cell, 82(5), 986.

Wu D, et al. (2021) An acetyl-histone vulnerability in PI3K/AKT inhibition-resistant cancers is targetable by both BET and HDAC inhibitors. Cell reports, 34(7), 108744.

Nin DS, et al. (2021) GAGE mediates radio resistance in cervical cancers via the regulation of chromatin accessibility. Cell reports, 36(9), 109621.

Blaszczak W, et al. (2021) Immune modulation underpins the anti-cancer activity of HDAC inhibitors. Molecular oncology, 15(12), 3280.

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

Pan X, et al. (2019) Butyrate ameliorates caerulein-induced acute pancreatitis and associated intestinal injury by tissue-specific mechanisms. British journal of pharmacology, 176(23), 4446.