Resource Summary Report

Generated by NIF on Sep 7, 2026

HDAC1 (D5C6U) XP®

RRID:AB_2756821
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 34589, RRID:AB_2756821

Antibody Information

URL: http://antibodyregistry.org/AB_2756821

Proper Citation: Cell Signaling Technology Cat# 34589, RRID:AB_2756821

Target Antigen: HDAC1

Host Organism: rabbit

Clonality: unknown

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

Antibody Name: HDAC1 (D5C6U) XP®

Description: This unknown targets HDAC1

Target Organism: monkey, rat, mouse, human

Clone ID: D5C6U

Antibody ID: AB_2756821

Vendor: Cell Signaling Technology

Catalog Number: 34589

Record Creation Time: 20231110T033312+0000

Record Last Update: 20260829T091712+0000

Ratings and Alerts

No rating or validation information has been found for HDAC1 (D5C6U) XP®.

No alerts have been found for HDAC1 (D5C6U) XP®.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Huang C, et al. (2026) Pregnenolone promotes immune evasion through blocking endogenous retrovirus expression. Cell metabolism, 38(5), 981.

Ito T, et al. (2026) RLF/ZFP292 stabilize CoREST-linked LSD1 engagement at bivalent promoters to safeguard pluripotency. Cell reports, 45(4), 117293.

Nahar S, et al. (2026) MIG-6 Regulates HDAC1-Mediated Angiogenesis and Tumorigenesis in PTEN-Deficient Endometrioid Endometrial Cancer. Molecular cancer research : MCR, 24(4), 258.

Safari M, et al. (2026) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic ductal adenocarcinoma. Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy, 84, 101312.

Lysaker CR, et al. (2026) APOE4 drives widespread changes to the hepatic proteome and alters metabolic function. iScience, 29(3), 115035.

Abhinand K, et al. (2026) HDAC-driven autophagy repression aids macrophage immune evasion by K. pneumoniae strains displaying classical, MDR, and hypervirulent phenotypes. iScience, 29(8), 116662.

Chen L, et al. (2025) Hierarchical regulation of cerebellar neurogenesis by Sin3A-mediated gene repression. bioRxiv : the preprint server for biology.

Jiang Y, et al. (2025) Phosphatase PHLPP1 is an alveolar-macrophage-intrinsic transcriptional checkpoint controlling pulmonary fibrosis. Cell reports, 44(3), 115399.

Haas de Mello A, et al. (2025) Respiratory syncytial virus downregulates the airway aryl hydrocarbon receptor pathway: implication for the development of a novel therapeutic target. American journal of physiology. Lung cellular and molecular physiology, 329(6), L716.

Hu W, et al. (2025) High fructose promotes MYCN-amplified neuroblastoma progression through NgBR-ACSS2-mediated biosynthesis of acetyl-CoA. Cell reports, 44(7), 115947.

Dong L, et al. (2025) RACK7 senses and fine-tunes enhancer activity. iScience, 28(8), 113083.

Likasitwatanakul P, et al. (2025) Chemical Perturbations Impacting Histone Acetylation Govern Colorectal Cancer Differentiation. Gastroenterology.

Ravi D, et al. (2024) Deciphering the Metabolic Basis and Molecular Circuitry of the Warburg Paradox in Lymphoma. Cancers, 16(21).

Ichiyama K, et al. (2024) Transcription factor Ikzf1 associates with Foxp3 to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. Immunity, 57(9), 2043.

Poon EK, et al. (2024) A novel inhibitor of class IIa histone deacetylases attenuates collagen-induced arthritis. British journal of pharmacology, 181(23), 4804.

Li Y, et al. (2024) BMP suppresses Wnt signaling via the Bcl11b-regulated NuRD complex to maintain intestinal stem cells. The EMBO journal, 43(23), 6032.

Qin L, et al. (2024) Chronic hypoxia stabilizes 3?HSD1 via autophagy suppression. Cell reports, 43(1), 113575.

Zheng Y, et al. (2023) Modulation of cellular metabolism by protein crotonylation regulates pancreatic cancer progression. Cell reports, 42(7), 112666.

Peterson JJ, et al. (2023) A histone deacetylase network regulates epigenetic reprogramming and viral silencing in HIV-infected cells. Cell chemical biology, 30(12), 1617.

Xiao Y, et al. (2023) HDAC3 and HDAC8 PROTAC dual degrader reveals roles of histone acetylation in gene regulation. Cell chemical biology, 30(11), 1421.