

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 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 [dkNET](#) .

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.

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

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

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.

Qin L, et al. (2024) Chronic hypoxia stabilizes 3^oHSD1 via autophagy suppression. *Cell reports*, 43(1), 113575.

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.

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.