

Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

HDAC2 (D6S5P)

RRID:AB_2756828

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 57156, RRID:AB_2756828

Antibody Information

URL: http://antibodyregistry.org/AB_2756828

Proper Citation: Cell Signaling Technology Cat# 57156, RRID:AB_2756828

Target Antigen: HDAC2

Host Organism: rabbit

Clonality: monoclonal

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

Antibody Name: HDAC2 (D6S5P)

Description: This monoclonal targets HDAC2

Target Organism: monkey, rat, mouse, human

Clone ID: D6S5P

Antibody ID: AB_2756828

Vendor: Cell Signaling Technology

Catalog Number: 57156

Record Creation Time: 20250819T224050+0000

Record Last Update: 20250820T025816+0000

Ratings and Alerts

No rating or validation information has been found for HDAC2 (D6S5P).

No alerts have been found for HDAC2 (D6S5P).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

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.

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.

Valerio RR, et al. (2026) Innate Immune Tolerance Regulates Microglia Response to A β Oligomers. *Journal of neurochemistry*, 170(1), e70341.

Lo CY, et al. (2025) Corticosteroid insensitivity in asthma associated with obstructive sleep apnoea: Role of oxidative stress and histone acetylation. *British journal of pharmacology*.

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

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

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.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. *Molecular cell*, 84(8), 1475.

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

Jin S, et al. (2023) Depletion of CUL4B in macrophages ameliorates diabetic kidney disease via miR-194-5p/ITGA9 axis. *Cell reports*, 42(6), 112550.

Moreira JD, et al. (2022) Histone deacetylase-2 controls IL-1 β production through the regulation of NLRP3 expression and activation in tuberculosis infection. *iScience*, 25(8), 104799.

Kim J, et al. (2022) KS10076, a chelator for redox-active metal ions, induces ROS-mediated STAT3 degradation in autophagic cell death and eliminates ALDH1⁺ stem cells. *Cell reports*, 40(3), 111077.

Wang Q, et al. (2022) PTIP governs NAD⁺ metabolism by regulating CD38 expression to drive macrophage inflammation. *Cell reports*, 38(13), 110603.

Krauß L, et al. (2022) HDAC2 Facilitates Pancreatic Cancer Metastasis. *Cancer research*, 82(4), 695.

Zeng F, et al. (2021) Effects of Manipulation of Noradrenergic Activities on the Expression of Dopaminergic Phenotypes in Aged Rat Brains. *ASN neuro*, 13, 17590914211055064.

Luo L, et al. (2019) HDAC4 Controls Muscle Homeostasis through Deacetylation of Myosin Heavy Chain, PGC-1 β , and Hsc70. *Cell reports*, 29(3), 749.