Resource Summary Report

Generated by dkNET on Sep 5, 2026

HDAC5 (D1J7V) Rabbit monoclonal Antibody

RRID:AB_2713973
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 20458, RRID:AB_2713973

Antibody Information

URL: http://antibodyregistry.org/AB_2713973

Proper Citation: Cell Signaling Technology Cat# 20458, RRID:AB_2713973

Target Antigen: HDAC5

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: HDAC5 (D1J7V) Rabbit monoclonal Antibody

Description: This monoclonal targets HDAC5

Target Organism: monkey, rat, mouse, human

Clone ID: D1J7V

Antibody ID: AB_2713973

Vendor: Cell Signaling Technology

Catalog Number: 20458

Record Creation Time: 20231110T033813+0000

Record Last Update: 20260830T031643+0000

Ratings and Alerts

No rating or validation information has been found for HDAC5 (D1J7V) Rabbit monoclonal Antibody.

No alerts have been found for HDAC5 (D1J7V) Rabbit monoclonal Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Cao K, et al. (2026) HDAC5-encoded Microprotein NISM Mediates Nucleolar Formation and Ribosomal RNA Synthesis. bioRxiv : the preprint server for biology.

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

Li N, et al. (2024) Hippocampal HDAC5-mediated histone acetylation underlies stress susceptibility in mice exposed to chronic social defeat stress. Neuroscience, 557, 89.

Wang N, et al. (2024) Reactive Oxygen species dependent increase in H3K27 acetylation by intermittent hypoxia is regulated by H3S28 phosphorylation. bioRxiv : the preprint server for biology.

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

Teichmann E, et al. (2023) Non-Psychoactive Phytocannabinoids Inhibit Inflammation-Related Changes of Human Coronary Artery Smooth Muscle and Endothelial Cells. Cells, 12(19).

Compton SE, et al. (2023) LKB1 controls inflammatory potential through CRTC2-dependent histone acetylation. Molecular cell, 83(11), 1872.

Wang N, et al. (2022) Protein phosphatase 1 regulates reactive oxygen species-dependent degradation of histone deacetylase 5 by intermittent hypoxia. American journal of physiology. Cell physiology, 323(2), C423.

Sun N, et al. (2021) MeCP2 Epigenetic Silencing of Oprm1 Gene in Primary Sensory Neurons Under Neuropathic Pain Conditions. Frontiers in neuroscience, 15, 743207.

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?, and Hsc70. Cell reports, 29(3), 749.

Jung SM, et al. (2019) Non-canonical mTORC2 Signaling Regulates Brown Adipocyte Lipid Catabolism through SIRT6-FoxO1. Molecular cell, 75(4), 807.

Brescia P, et al. (2018) MEF2B Instructs Germinal Center Development and Acts as an Oncogene in B Cell Lymphomagenesis. Cancer cell, 34(3), 453.