Resource Summary Report

Generated by NIF on Jul 29, 2026

HDAC2-human

RRID:AB_305706
Type: Antibody

Proper Citation

Abcam Cat# ab7029, RRID:AB_305706

Antibody Information

URL: http://antibodyregistry.org/AB_305706

Proper Citation: Abcam Cat# ab7029, RRID:AB_305706

Target Antigen: HDAC2

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 1 for not specified; status is awaiting lab characterization

Antibody Name: HDAC2-human

Description: This polyclonal targets HDAC2

Target Organism: homo sapiens

Antibody ID: AB_305706

Vendor: Abcam

Catalog Number: ab7029

Record Creation Time: 20250819T230803+0000

Record Last Update: 20250820T042329+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB950PIQ - ENCODE

https://www.encodeproject.org/antibodies/ENCAB950PIQ

No alerts have been found for HDAC2-human.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Jiang Z, et al. (2024) A cocktail of rapamycin, acarbose, and phenylbutyrate prevents age-related cognitive decline in mice by targeting multiple aging pathways. GeroScience, 46(5), 4855.

Liu Y, et al. (2023) PD-L1-mediated immune evasion in triple-negative breast cancer is linked to the loss of ZNF652. Cell reports, 42(11), 113343.

Gerosa L, et al. (2022) The epilepsy-associated protein PCDH19 undergoes NMDA receptor-dependent proteolytic cleavage and regulates the expression of immediate-early genes. Cell reports, 39(8), 110857.

Payne NC, et al. (2022) Resolving the deceptive isoform and complex selectivity of HDAC1/2 inhibitors. Cell chemical biology, 29(7), 1140.

Granieri L, et al. (2022) Targeting the USP7/RRM2 axis drives senescence and sensitizes melanoma cells to HDAC/LSD1 inhibitors. Cell reports, 40(12), 111396.

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.

Priya S, et al. (2021) CDX2 inducible microRNAs sustain colon cancer by targeting multiple DNA damage response pathway factors. Journal of cell science, 134(15).

Yang J, et al. (2021) TRPS1 drives heterochromatic origin refiring and cancer genome evolution. Cell reports, 34(10), 108814.

Zhao H, et al. (2020) Silencing of microRNA-494 inhibits the neurotoxic Th1 shift via regulating HDAC2-STAT4 cascade in ischaemic stroke. British journal of pharmacology, 177(1), 128.

Marques JG, et al. (2020) NuRD subunit CHD4 regulates super-enhancer accessibility in rhabdomyosarcoma and represents a general tumor dependency. eLife, 9.

Lu X, et al. (2019) MTA2/NuRD Regulates B Cell Development and Cooperates with OCA-B in Controlling the Pre-B to Immature B Cell Transition. Cell reports, 28(2), 472.

van Mierlo G, et al. (2019) Integrative Proteomic Profiling Reveals PRC2-Dependent Epigenetic Crosstalk Maintains Ground-State Pluripotency. Cell stem cell, 24(1), 123.

Tang T, et al. (2019) HDAC1 and HDAC2 Regulate Intermediate Progenitor Positioning to Safeguard Neocortical Development. Neuron, 101(6), 1117.

Lee JE, et al. (2019) Stress-Induced Epigenetic Changes in Hippocampal Mkp-1 Promote Persistent Depressive Behaviors. Molecular neurobiology, 56(12), 8537.

Annunziata I, et al. (2019) MYC competes with MiT/TFE in regulating lysosomal biogenesis and autophagy through an epigenetic rheostat. Nature communications, 10(1), 3623.

Roy S, et al. (2018) Oocyte-Derived Factors (GDF9 and BMP15) and FSH Regulate AMH Expression Via Modulation of H3K27AC in Granulosa Cells. Endocrinology, 159(9), 3433.

Campbell AE, et al. (2018) NuRD and CAF-1-mediated silencing of the D4Z4 array is modulated by DUX4-induced MBD3L proteins. eLife, 7.

Czimmerer Z, et al. (2018) The Transcription Factor STAT6 Mediates Direct Repression of Inflammatory Enhancers and Limits Activation of Alternatively Polarized Macrophages. Immunity, 48(1), 75.

Nabeshima R, et al. (2018) Loss of Fam60a, a Sin3a subunit, results in embryonic lethality and is associated with aberrant methylation at a subset of gene promoters. eLife, 7.

Durham BS, et al. (2017) Inhibition of histone deacetylase 1 or 2 reduces induced cytokine expression in microglia through a protein synthesis independent mechanism. Journal of neurochemistry, 143(2), 214.