

# Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

## HDAC1 antibody - ChIP Grade

RRID:AB\_305705

Type: Antibody

### Proper Citation

Abcam Cat# ab7028, RRID:AB\_305705

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_305705](http://antibodyregistry.org/AB_305705)

**Proper Citation:** Abcam Cat# ab7028, RRID:AB\_305705

**Target Antigen:** HDAC1 antibody - ChIP Grade

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ChIP, ChIP/Chip, ICC/IF, IHC-P, IP, WB; Immunofluorescence; ChIP; Immunocytochemistry; Immunohistochemistry - fixed; Immunohistochemistry; Other; Western Blot; Immunoprecipitation

**Antibody Name:** HDAC1 antibody - ChIP Grade

**Description:** This polyclonal targets HDAC1 antibody - ChIP Grade

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_305705

**Vendor:** Abcam

**Catalog Number:** ab7028

**Record Creation Time:** 20231110T081433+0000

**Record Last Update:** 20260901T014412+0000

### Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.  
Contact(s): [Decio Eizirik](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for HDAC1 antibody - ChIP Grade.

---

## Data and Source Information

**Source:** [Antibody Registry](#)

---

## Usage and Citation Metrics

We found 26 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Tzerpos P, et al. (2026) The transcription factor BACH1 couples chromatin priming and repression to enable macrophage plasticity and adaptation. *Immunity*.

Nguyen DT, et al. (2025) Protein kinase C?? dictates tumor trajectory, cell plasticity, and immune surveillance in lung adenocarcinoma. *Cell reports*, 44(12), 116606.

Teresa BG, et al. (2024) Reversion from basal histone H4 hypoacetylation at the replication fork increases DNA damage in FANCA deficient cells. *PloS one*, 19(5), e0298032.

Zhu Y, et al. (2024) HDAC1 and HDAC2 orchestrate Wnt signaling to regulate neural progenitor transition during brain development. *iScience*, 27(9), 110600.

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.

Jones JA, et al. (2023) Nuclear translocation of an aminoacyl-tRNA synthetase may mediate a chronic "integrated stress response". *Cell reports*, 42(6), 112632.

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

Bray D, et al. (2022) CASCADE: high-throughput characterization of regulatory complex binding altered by non-coding variants. *Cell genomics*, 2(2).

Luo H, et al. (2022) HOTTIP-dependent R-loop formation regulates CTCF boundary activity and TAD integrity in leukemia. *Molecular cell*, 82(4), 833.

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.

Aibara D, et al. (2022) Gene repression through epigenetic modulation by PPARA enhances hepatocellular proliferation. *iScience*, 25(5), 104196.

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

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).

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.

Gillespie MA, et al. (2020) Absolute Quantification of Transcription Factors Reveals Principles of Gene Regulation in Erythropoiesis. *Molecular cell*, 78(5), 960.

Lex RK, et al. (2020) GLI transcriptional repression regulates tissue-specific enhancer activity in response to Hedgehog signaling. *eLife*, 9.

AlAbdi L, et al. (2020) Oct4-Mediated Inhibition of Lsd1 Activity Promotes the Active and Primed State of Pluripotency Enhancers. *Cell reports*, 30(5), 1478.

Luo H, et al. (2019) HOTTIP lncRNA Promotes Hematopoietic Stem Cell Self-Renewal Leading to AML-like Disease in Mice. *Cancer cell*, 36(6), 645.

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

Wang J, et al. (2018) Asymmetric Expression of LincGET Biases Cell Fate in Two-Cell Mouse Embryos. *Cell*, 175(7), 1887.