

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

Histone Deacetylase 3

RRID:AB_305708

Type: Antibody

Proper Citation

Abcam Cat# ab7030, RRID:AB_305708

Antibody Information

URL: http://antibodyregistry.org/AB_305708

Proper Citation: Abcam Cat# ab7030, RRID:AB_305708

Target Antigen: Widely expressed. Synthetic peptide: C-NEFYDGDHDNDKESDVEI conjugated to KLH, corresponding to amino acids 411-428 of Human HDAC3.

Host Organism: rabbit

Clonality: unknown

Comments: Used By NYUIHC-1162

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Histone Deacetylase 3

Description: This unknown targets Widely expressed. Synthetic peptide: C-NEFYDGDHDNDKESDVEI conjugated to KLH, corresponding to amino acids 411-428 of Human HDAC3.

Antibody ID: AB_305708

Vendor: Abcam

Catalog Number: ab7030

Record Creation Time: 20250820T060021+0000

Record Last Update: 20250820T230308+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Histone Deacetylase 3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Inoue SI, et al. (2024) Short-term cold exposure induces persistent epigenomic memory in brown fat. *Cell metabolism*, 36(8), 1764.

Maneix L, et al. (2022) Proteasome Inhibitors Silence Oncogenes in Multiple Myeloma through Localized Histone Deacetylase 3 (HDAC3) Stabilization and Chromatin Condensation. *Cancer research communications*, 2(12), 1693.

Garg M, et al. (2021) Cardiolipin-mediated PPAR γ S112 phosphorylation impairs IL-10 production and inflammation resolution during bacterial pneumonia. *Cell reports*, 34(6), 108736.

Mochizuki K, et al. (2018) Repression of Somatic Genes by Selective Recruitment of HDAC3 by BLIMP1 Is Essential for Mouse Primordial Germ Cell Fate Determination. *Cell reports*, 24(10), 2682.

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.

Rosenberg LH, et al. (2018) HDAC3 Regulates the Transition to the Homeostatic Myelinating Schwann Cell State. *Cell reports*, 25(10), 2755.

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.

Hanigan TW, et al. (2017) Divergent JNK Phosphorylation of HDAC3 in Triple-Negative Breast Cancer Cells Determines HDAC Inhibitor Binding and Selectivity. *Cell chemical biology*, 24(11), 1356.