Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

H3K4me3-human

RRID:AB_2616052
Type: Antibody

Proper Citation

(Diagenode Cat# pAb-003-050, RRID:AB_2616052)

Antibody Information

URL: http://antibodyregistry.org/AB_2616052

Proper Citation: (Diagenode Cat# pAb-003-050, RRID:AB_2616052)

Target Antigen: H3K4me3

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot A5051-001P for any cell type and tissues; status is eligible for new data

Antibody Name: H3K4me3-human

Description: This polyclonal targets H3K4me3

Target Organism: Homo sapiens

Antibody ID: AB_2616052

Vendor: Diagenode

Catalog Number: pAb-003-050

Alternative Catalog Numbers: C15410003-50, C15410003-10, ENCAB000BKU

Record Creation Time: 20231110T034925+0000

Record Last Update: 20240725T012726+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: A5051-001P is available under ENCODE ID: ENCAB000BKU - ENCODE https://www.encodeproject.org/antibodies/ENCAB000BKU

No alerts have been found for H3K4me3-human.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 43 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Lando D, et al. (2024) Enhancer-promoter interactions are reconfigured through the formation of long-range multiway hubs as mouse ES cells exit pluripotency. Molecular cell.

Dos Santos JC, et al. (2024) Leishmania braziliensis enhances monocyte responses to promote anti-tumor activity. Cell reports, 43(3), 113932.

Mol JQ, et al. (2023) Peripheral blood mononuclear cell hyperresponsiveness in patients with premature myocardial infarction without traditional risk factors. iScience, 26(7), 107183.

Dror E, et al. (2023) Epigenetic dosage identifies two major and functionally distinct ? cell subtypes. Cell metabolism, 35(5), 821.

Frost JM, et al. (2023) Regulation of human trophoblast gene expression by endogenous retroviruses. Nature structural & molecular biology, 30(4), 527.

Brown AC, et al. (2023) Comprehensive epigenomic profiling reveals the extent of disease-specific chromatin states and informs target discovery in ankylosing spondylitis. Cell genomics, 3(6), 100306.

Rother N, et al. (2023) Acid ceramidase regulates innate immune memory. Cell reports, 42(12), 113458.

García-Eguren G, et al. (2022) Glucocorticoid-induced Fingerprints on Visceral Adipose Tissue Transcriptome and Epigenome. The Journal of clinical endocrinology and metabolism, 107(1), 150.

Zhang P, et al. (2022) Epigenomic analysis reveals a dynamic and context-specific macrophage enhancer landscape associated with innate immune activation and tolerance. Genome biology, 23(1), 136.

Meijer M, et al. (2022) Epigenomic priming of immune genes implicates oligodendroglia in multiple sclerosis susceptibility. Neuron, 110(7), 1193.

Ashley B, et al. (2022) Placental uptake and metabolism of 25(OH)vitamin D determine its activity within the fetoplacental unit. eLife, 11.

Kuo FC, et al. (2022) HOTAIR interacts with PRC2 complex regulating the regional preadipocyte transcriptome and human fat distribution. Cell reports, 40(4), 111136.

Orth MF, et al. (2022) Systematic multi-omics cell line profiling uncovers principles of Ewing sarcoma fusion oncogene-mediated gene regulation. Cell reports, 41(10), 111761.

Dubois-Pot-Schneider H, et al. (2022) Transcriptional and Epigenetic Consequences of DMSO Treatment on HepaRG Cells. Cells, 11(15).

Lismer A, et al. (2021) ChIP-seq protocol for sperm cells and embryos to assess environmental impacts and epigenetic inheritance. STAR protocols, 2(2), 100602.

Pettinato AM, et al. (2021) Sarcomere function activates a p53-dependent DNA damage response that promotes polyploidization and limits in vivo cell engraftment. Cell reports, 35(5), 109088.

Maat H, et al. (2021) The USP7-TRIM27 axis mediates non-canonical PRC1.1 function and is a druggable target in leukemia. iScience, 24(5), 102435.

Surdez D, et al. (2021) STAG2 mutations alter CTCF-anchored loop extrusion, reduce cis-regulatory interactions and EWSR1-FLI1 activity in Ewing sarcoma. Cancer cell, 39(6), 810.

Leistico JR, et al. (2021) Epigenomic tensor predicts disease subtypes and reveals constrained tumor evolution. Cell reports, 34(13), 108927.

Lismer A, et al. (2021) Histone H3 lysine 4 trimethylation in sperm is transmitted to the embryo and associated with diet-induced phenotypes in the offspring. Developmental cell, 56(5), 671.