Resource Summary Report

Generated by dkNET on Aug 7, 2026

ENCODE - H3K27me3

RRID:AB_2753161
Type: Antibody

Proper Citation

Diagenode Cat# C15410195, RRID:AB_2753161

Antibody Information

URL: http://antibodyregistry.org/AB_2753161

Proper Citation: Diagenode Cat# C15410195, RRID:AB_2753161

Target Antigen: H3K27me3

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ChIP, ELISA, Dot Blotting/Peptide array, Western Blotting, Immunofluorescence

Antibody Name: ENCODE - H3K27me3

Description: This polyclonal targets H3K27me3

Target Organism: Human, poplar, Arabidopsis, Drosophila, tomato, C.elegans, maize, mouse

Antibody ID: AB_2753161

Vendor: Diagenode

Catalog Number: C15410195

Alternative Catalog Numbers: ENCAB323UEU

Record Creation Time: 20250820T015552+0000

Record Last Update: 20250820T121431+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: A1811-001P is available under ENCODE ID: ENCAB323UEU - ENCODE https://www.encodeproject.org/antibodies/ENCAB323UEU

No alerts have been found for ENCODE - H3K27me3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Zhao Y, et al. (2026) H4K16ac contributes to chromatin compartment reorganization during mitotic and meiotic transitions. Cell reports, 45(7), 117639.

Navratilova P, et al. (2026) Epigenome and interactome profiling uncovers principles of distal regulation in the barley genome. Cell genomics, 6(1), 101037.

Malmhäll-Bah E, et al. (2026) Role of MNX1-mediated histone modifications and PBX gene family in MNX1-induced leukemogenesis. Scientific reports, 16(1), 2593.

Sipola J, et al. (2025) Plasma Cell-Free DNA Chromatin Immunoprecipitation Profiling Depicts Phenotypic and Clinical Heterogeneity in Advanced Prostate Cancer. Cancer research, 85(4), 791.

Zijlmans DW, et al. (2025) PRC1 and PRC2 proximal interactome in mouse embryonic stem cells. Cell reports, 44(3), 115362.

Lea G, et al. (2025) Ectopic expression of DNMT3L in human trophoblast stem cells restores features of the placental methylome. Cell stem cell, 32(2), 276.

Kumar B, et al. (2025) Multiplexed chromatin immunoprecipitation sequencing for quantitative study of histone modifications and chromatin factors. Nature protocols, 20(3), 779.

Ijaz J, et al. (2024) Haplotype-specific assembly of shattered chromosomes in esophageal adenocarcinomas. Cell genomics, 4(2), 100484.

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

Jensen M, et al. (2023) Survivin prevents the polycomb repressor complex 2 from methylating histone 3 lysine 27. iScience, 26(7), 106976.

Islam R, et al. (2023) RUNX1 colludes with NOTCH1 to reprogram chromatin in T cell acute lymphoblastic leukemia. iScience, 26(6), 106795.

Mahadevan KK, et al. (2023) Elimination of oncogenic KRAS in genetic mouse models eradicates pancreatic cancer by inducing FAS-dependent apoptosis by CD8+ T cells. Developmental cell, 58(17), 1562.

de Vos J, et al. (2023) Detailed molecular and epigenetic characterization of the pig IPEC-J2 and chicken SL-29 cell lines. iScience, 26(3), 106252.

Hisanaga T, et al. (2023) The Polycomb repressive complex 2 deposits H3K27me3 and represses transposable elements in a broad range of eukaryotes. Current biology : CB, 33(20), 4367.

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

Guo R, et al. (2022) Methionine metabolism controls the B cell EBV epigenome and viral latency. Cell metabolism, 34(9), 1280.

Bai D, et al. (2022) Aberrant H3K4me3 modification of epiblast genes of extraembryonic tissue causes placental defects and implantation failure in mouse IVF embryos. Cell reports, 39(5), 110784.

Suh JL, et al. (2022) Reprogramming CBX8-PRC1 function with a positive allosteric modulator. Cell chemical biology, 29(4), 555.

Yu L, et al. (2021) Derivation of Intermediate Pluripotent Stem Cells Amenable to Primordial Germ Cell Specification. Cell stem cell, 28(3), 550.

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.