

Resource Summary Report

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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 27 mentions in open access literature.

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

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

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.

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

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.

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.

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.

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.

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.

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.

Napoletano F, et al. (2021) The prolyl-isomerase PIN1 is essential for nuclear Lamin-B structure and function and protects heterochromatin under mechanical stress. *Cell reports*, 36(11), 109694.

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.