Resource Summary Report

Generated by RRID on Jul 8, 2024

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: H3K27me3

Description: This polyclonal targets H3K27me3

Target Organism: human, mouse, drosophila, celegans, arabidopsis, maize, tomato, poplar

Antibody ID: AB_2753161

Vendor: Diagenode

Catalog Number: C15410195

Alternative Catalog Numbers: ENCAB323UEU, pAb-195-050

Record Creation Time: 20231110T033339+0000

Record Last Update: 20240530T213912+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 H3K27me3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

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

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.

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.

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.

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

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.

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.

VanOudenhove J, et al. (2020) Epigenomic and Transcriptomic Dynamics During Human Heart Organogenesis. Circulation research, 127(9), e184.

Kumar B, et al. (2019) Quantitative Multiplexed ChIP Reveals Global Alterations that Shape Promoter Bivalency in Ground State Embryonic Stem Cells. Cell reports, 28(12), 3274.

Lamb KN, et al. (2019) Discovery and Characterization of a Cellular Potent Positive Allosteric Modulator of the Polycomb Repressive Complex 1 Chromodomain, CBX7. Cell chemical biology, 26(10), 1365.

Yi G, et al. (2019) Chromatin-Based Classification of Genetically Heterogeneous AMLs into Two Distinct Subtypes with Diverse Stemness Phenotypes. Cell reports, 26(4), 1059.

Gervais L, et al. (2019) Stem Cell Proliferation Is Kept in Check by the Chromatin Regulators Kismet/CHD7/CHD8 and Trr/MLL3/4. Developmental cell, 49(4), 556.