Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

ENCODE Project Antibody validation H3K4me1

RRID:AB_306847
Type: Antibody

Proper Citation

(Abcam Cat# ab8895, RRID:AB_306847)

Antibody Information

URL: http://antibodyregistry.org/AB_306847

Proper Citation: (Abcam Cat# ab8895, RRID:AB_306847)

Target Antigen: H3K4me1

Host Organism: rabbit

Clonality: polyclonal

Comments: Rabbit polyclonal affinity purified. Antibody Target: H3K4me1
Validation: ENCODE PROJECT validation information available

Antibody Name: ENCODE Project Antibody validation H3K4me1

Description: This polyclonal targets H3K4me1

Target Organism: mouse

Antibody ID: AB_306847

Vendor: Abcam

Catalog Number: ab8895

Record Creation Time: 20241017T003221+0000

Record Last Update: 20241017T022017+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 349232 is available under ENCODE ID: ENCAB093ZAC - ENCODE https://www.encodeproject.org/antibodies/ENCAB093ZAC

No alerts have been found for ENCODE Project Antibody validation H3K4me1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 195 mentions in open access literature.

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

Liu S, et al. (2024) Regulation of T helper cell differentiation by the interplay between histone modification and chromatin interaction. Immunity, 57(5), 987.

Menon G, et al. (2024) Proximal termination generates a transcriptional state that determines the rate of establishment of Polycomb silencing. Molecular cell, 84(12), 2255.

Del Vecchio A, et al. (2024) PCGF6 controls murine Tuft cell differentiation via H3K9me2 modification independently of Polycomb repression. Developmental cell, 59(3), 368.

Dror I, et al. (2024) XIST directly regulates X-linked and autosomal genes in naive human pluripotent cells. Cell, 187(1), 110.

Manning SA, et al. (2024) The Drosophila Hippo pathway transcription factor Scalloped and its co-factors alter each other's chromatin binding dynamics and transcription in vivo. Developmental cell, 59(13), 1640.

Vergnes L, et al. (2024) Gene Regulation and Mitochondrial Activity During White and Brown Adipogenesis Are Modulated by KDM5 Histone Demethylase. Journal of the Endocrine Society, 8(4), bvae029.

Mateo-Bonmatí E, et al. (2024) A CPF-like phosphatase module links transcription termination to chromatin silencing. Molecular cell, 84(12), 2272.

Mancheno-Ferris A, et al. (2024) Crosstalk between chromatin and Shavenbaby defines transcriptional output along the Drosophila intestinal stem cell lineage. iScience, 27(1), 108624.

Ji D, et al. (2024) FOXA1 forms biomolecular condensates that unpack condensed chromatin to function as a pioneer factor. Molecular cell, 84(2), 244.

Liu C, et al. (2024) A CTCF-binding site in the Mdm1-Il22-Ifng locus shapes cytokine expression profiles and plays a critical role in early Th1 cell fate specification. Immunity,

57(5), 1005.

Kubo N, et al. (2024) H3K4me1 facilitates promoter-enhancer interactions and gene activation during embryonic stem cell differentiation. Molecular cell, 84(9), 1742.

Bi S, et al. (2024) The sirtuin-associated human senescence program converges on the activation of placenta-specific gene PAPPA. Developmental cell.

Roy SS, et al. (2024) Artificially inserted strong promoter containing multiple G-quadruplexes induces long-range chromatin modification. eLife, 13.

Poluben L, et al. (2024) Increased nuclear factor I-mediated chromatin access drives transition to androgen receptor splice variant dependence in prostate cancer. Cell reports, 44(1), 115089.

Cermakova K, et al. (2024) Reactivation of the G1 enhancer landscape underlies core circuitry addiction to SWI/SNF. Nucleic acids research, 52(1), 4.

Liu W, et al. (2024) CUX1 regulates human hematopoietic stem cell chromatin accessibility via the BAF complex. Cell reports, 43(5), 114227.

Abu-Zaid A, et al. (2024) Histone lysine demethylase 4 family proteins maintain the transcriptional program and adrenergic cellular state of MYCN-amplified neuroblastoma. Cell reports. Medicine, 5(3), 101468.

Hong Y, et al. (2024) SAFB restricts contact domain boundaries associated with L1 chimeric transcription. Molecular cell, 84(9), 1637.

Phongbunchoo Y, et al. (2024) YY1-mediated enhancer-promoter communication in the immunoglobulin ? locus is regulated by MSL/MOF recruitment. Cell reports, 43(7), 114456.

Kawaguchi A, et al. (2024) A chromatin code for limb segment identity in axolotl limb regeneration. Developmental cell, 59(16), 2239.