Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 17, 2025

Histone H3 (acetyl K27) antibody - ChIP Grade

RRID:AB_2118291 Type: Antibody

Proper Citation

(Abcam Cat# ab4729, RRID:AB_2118291)

Antibody Information

URL: http://antibodyregistry.org/AB_2118291

Proper Citation: (Abcam Cat# ab4729, RRID:AB_2118291)

Target Antigen: Histone H3 (acetyl K27)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: IHC-Fr, ICC/IF, WB, IHC-P, CHIPseq, ChIP/Chip, ChIP, PepArr

Antibody Name: Histone H3 (acetyl K27) antibody - ChIP Grade

Description: This polyclonal targets Histone H3 (acetyl K27)

Target Organism: chicken, monkey, rat, cow, rice, mouse, zebrafish, human

Antibody ID: AB_2118291

Vendor: Abcam

Catalog Number: ab4729

Record Creation Time: 20231110T081452+0000

Record Last Update: 20241115T093948+0000

Ratings and Alerts

 ENCODE PROJECT External validation for lot: GR104852 is available under ENCODE ID: ENCAB000BSK - ENCODE https://www.encodeproject.org/antibodies/ENCAB000BSK

No alerts have been found for Histone H3 (acetyl K27) antibody - ChIP Grade.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 485 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.

Hansen TJ, et al. (2024) Human gene regulatory evolution is driven by the divergence of regulatory element function in both cis and trans. Cell genomics, 4(4), 100536.

Prutsch N, et al. (2024) STAT3 couples activated tyrosine kinase signaling to the oncogenic core transcriptional regulatory circuitry of anaplastic large cell lymphoma. Cell reports. Medicine, 5(3), 101472.

Gualdrini F, et al. (2024) An integrative epigenome-based strategy for unbiased functional profiling of clinical kinase inhibitors. Molecular systems biology, 20(6), 626.

Yang C, et al. (2024) The roles of nuclear orphan receptor NR2F6 in anti-viral innate immunity. PLoS pathogens, 20(6), e1012271.

Etoh K, et al. (2024) Citrate metabolism controls the senescent microenvironment via the remodeling of pro-inflammatory enhancers. Cell reports, 43(8), 114496.

Lin K, et al. (2024) Disrupted methionine cycle triggers muscle atrophy in cancer cachexia through epigenetic regulation of REDD1. Cell metabolism.

Hariprakash JM, et al. (2024) Leveraging Tissue-Specific Enhancer-Target Gene Regulatory Networks Identifies Enhancer Somatic Mutations That Functionally Impact Lung Cancer. Cancer research, 84(1), 133.

Hosseinzadeh L, et al. (2024) The androgen receptor interacts with GATA3 to transcriptionally regulate a luminal epithelial cell phenotype in breast cancer. Genome biology, 25(1), 44.

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.

Patty BJ, et al. (2024) Widespread impact of nucleosome remodelers on transcription at cisregulatory elements. bioRxiv : the preprint server for biology.

Lin CT, et al. (2024) Protein degradation of Lsd1 is mediated by Bre1 yet opposed by Lsd1interacting IncRNAs during fly follicle development. iScience, 27(5), 109683.

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.

Zhou K, et al. (2024) LEUTX regulates porcine embryonic genome activation in somatic cell nuclear transfer embryos. Cell reports, 43(6), 114372.

Kim J, et al. (2024) An enhancer RNA recruits KMT2A to regulate transcription of Myb. Cell reports, 43(7), 114378.

Tong X, et al. (2024) Adeno-to-squamous transition drives resistance to KRAS inhibition in LKB1 mutant lung cancer. Cancer cell, 42(3), 413.

Alpsoy A, et al. (2024) I?B? is a dual-use coactivator of NF-?B and POU transcription factors. Molecular cell, 84(6), 1149.

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.