

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 4, 2025

H3K27me3-mouse

RRID:AB_2561020

Type: Antibody

Proper Citation

(Active Motif Cat# 39155, RRID:AB_2561020)

Antibody Information

URL: http://antibodyregistry.org/AB_2561020

Proper Citation: (Active Motif Cat# 39155, RRID:AB_2561020)

Target Antigen: H3K27me3

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 30508004 for not specified; status is not eligible for new data

Antibody Name: H3K27me3-mouse

Description: This polyclonal targets H3K27me3

Target Organism: mus musculus

Antibody ID: AB_2561020

Vendor: Active Motif

Catalog Number: 39155

Record Creation Time: 20241017T001554+0000

Record Last Update: 20241017T015615+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 30508004 is available under ENCODE ID: ENCAB000ADT - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000ADT>

No alerts have been found for H3K27me3-mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Basurto-Cayuela L, et al. (2024) SWI/SNF-dependent genes are defined by their chromatin landscape. Cell reports, 43(3), 113855.

Fan S, et al. (2024) Promoter DNA methylation and transcription factor condensation are linked to transcriptional memory in mammalian cells. Cell systems, 15(9), 808.

Lee JH, et al. (2024) TGF- β and RAS jointly unmask primed enhancers to drive metastasis. Cell, 187(22), 6182.

Keller PJ, et al. (2024) Comprehensive Target Engagement by the EZH2 Inhibitor Tulumimetostat Allows for Targeting of ARID1A Mutant Cancers. Cancer research, 84(15), 2501.

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

Sauer PV, et al. (2024) Activation of automethylated PRC2 by dimerization on chromatin. Molecular cell, 84(20), 3885.

Guo F, et al. (2024) CircARAP2 controls sMICA-induced NK cell desensitization by erasing CTCF/PRC2-induced suppression in early endosome marker RAB5A. Cellular and molecular life sciences : CMLS, 81(1), 307.

Lerra L, et al. (2024) An RNA-dependent and phase-separated active subnuclear compartment safeguards repressive chromatin domains. Molecular cell, 84(9), 1667.

Köhler AR, et al. (2024) Modular dual-color BiAD sensors for locus-specific readout of epigenome modifications in single cells. Cell reports methods, 4(4), 100739.

Hernandez-Benitez R, et al. (2024) Intervention with metabolites emulating endogenous cell transitions accelerates muscle regeneration in young and aged mice. Cell reports. Medicine,

5(3), 101449.

Liu Z, et al. (2024) Epigenomic tomography for probing spatially defined chromatin state in the brain. *Cell reports methods*, 4(3), 100738.

Zhang T, et al. (2024) Dynamic phosphorylation of FOXA1 by Aurora B guides post-mitotic gene reactivation. *Cell reports*, 43(9), 114739.

Guo JK, et al. (2024) Denaturing purifications demonstrate that PRC2 and other widely reported chromatin proteins do not appear to bind directly to RNA in vivo. *Molecular cell*.

Pecci V, et al. (2024) Targeting of H19/cell adhesion molecules circuitry by GSK-J4 epidrug inhibits metastatic progression in prostate cancer. *Cancer cell international*, 24(1), 56.

DuCote TJ, et al. (2024) EZH2 Inhibition Promotes Tumor Immunogenicity in Lung Squamous Cell Carcinomas. *Cancer research communications*, 4(2), 388.

Camellato BR, et al. (2024) Synthetic reversed sequences reveal default genomic states. *Nature*.

Crespo R, et al. (2024) PCID2 dysregulates transcription and viral RNA processing to promote HIV-1 latency. *iScience*, 27(3), 109152.

Tan J, et al. (2024) ApoE maintains neuronal integrity via microRNA and H3K27me3-mediated repression. *iScience*, 27(3), 109231.

Han X, et al. (2024) Nuclear RNA homeostasis promotes systems-level coordination of cell fate and senescence. *Cell stem cell*, 31(5), 694.

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