

Resource Summary Report

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ENCODE Project Antibody validation H3K27me3_(39155)

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

Clonality: polyclonal

Comments: Validation: ENCODE PROJECT validation information available

Antibody Name: ENCODE Project Antibody validation H3K27me3_(39155)

Description: This polyclonal targets H3K27me3

Target Organism: mouse

Antibody ID: AB_2561020

Vendor: Active Motif

Catalog Number: 39155

Record Creation Time: 20260130T082113+0000

Record Last Update: 20260828T165410+0000

Ratings and Alerts

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 102 mentions in open access literature.

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

Distéfano-Gagné F, et al. (2026) Multi-tier signaling and chromatin remodeling coordinate microglia inflammatory states and activities associated with demyelination. *Cell reports*, 45(7), 117569.

Wu N, et al. (2026) Arginine deprivation enhances ASS1-negative glioblastoma radiosensitivity via epigenetic silencing of DNA repair genes. *Cell death & disease*.

Foidart P, et al. (2026) Whole-genome doubling drives immune evasion by silencing antigen presentation. *Cancer cell*, 44(7), 1418.

Luo YN, et al. (2026) Tracking mobilization uncovers an evolutionarily conserved mechanism in suppressing mobile genetic elements. *Molecular cell*, 86(12), 2263.

Hokenson RE, et al. (2026) Hippocampal estrogen levels, receptor types, and epigenetics contribute to sex-specific memory vulnerabilities to concurrent acute stresses. *Neuron*, 114(8), 1454.

Lovell CD, et al. (2026) Female mice with a Xist deletion in B cells can develop lupus-associated phenotypes. *Cell reports*, 45(6), 117517.

Pelzer N, et al. (2025) PHF19 drives the formation of PRC2 clusters to enhance motility in TNBC cells. *Cell reports*, 44(10), 116391.

Fitz-James MH, et al. (2025) Interchromosomal contacts between regulatory regions trigger stable transgenerational epigenetic inheritance in *Drosophila*. *Molecular cell*, 85(4), 677.

Cui Z, et al. (2025) Identifying the target, mechanism, and agonist of α -ketoglutaric acid in delaying mesenchymal stem cell senescence. *Cell reports*, 44(7), 115917.

Park BJ, et al. (2025) CUT&Tag overcomes biases of ChIP and establishes chromatin patterns for repetitive genomic loci. *iScience*, 28(11), 113757.

Chan YS, et al. (2025) β -catenin functions as a molecular adapter for disordered cBAF interactions. *Molecular cell*, 85(16), 3041.

Herbette M, et al. (2025) Chromatin state dynamics of autosomes and the B chromosome during spermatogenesis in *Pseudococcus viburni*. *Heredity*.

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

Liu I, et al. (2024) GABAergic neuronal lineage development determines clinically actionable targets in diffuse hemispheric glioma, H3G34-mutant. *Cancer cell*.

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

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.

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

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*.

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