Resource Summary Report

Generated by RRID on Aug 5, 2026

Anti-trimethyl-Histone H3 (Lys9)

RRID:AB_310620
Type: Antibody

Proper Citation

Millipore Cat# 07-442, RRID:AB_310620

Antibody Information

URL: http://antibodyregistry.org/AB_310620

Proper Citation: Millipore Cat# 07-442, RRID:AB_310620

Target Antigen: trimethyl-Histone H3 (Lys9)

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: IgG; IgG Functional Assay; Other; Western Blot; Immunocytochemistry; ChIP; Dot Blot; DB, IC, Mplex, Cell Function Assay, WB, ChIP-seq

Antibody Name: Anti-trimethyl-Histone H3 (Lys9)

Description: This polyclonal targets trimethyl-Histone H3 (Lys9)

Target Organism: ch, h, m, r, chickenbird

Defining Citation: PMID:17226794

Antibody ID: AB_310620

Vendor: Millipore

Catalog Number: 07-442

Record Creation Time: 20250820T005255+0000

Record Last Update: 20250820T092656+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 609040589 is available under ENCODE ID: ENCAB890YOB - ENCODE https://www.encodeproject.org/antibodies/ENCAB890YOB

No alerts have been found for Anti-trimethyl-Histone H3 (Lys9).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Solberg T, et al. (2025) Heterochromatin-dependent transcription links the PRC2 complex to small RNA-mediated DNA elimination. EMBO reports, 26(1), 273.

Chatterjee B, et al. (2025) Hypoxia-induced genome-wide DNA demethylation by DNMT3A and EMT of cancer cells. Cellular & molecular biology letters, 30(1), 95.

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

Cai S, et al. (2025) Methionine regulates maternal-fetal immune tolerance and endometrial receptivity by enhancing embryonic IL-5 secretion. Cell reports, 44(2), 115291.

Dzwigonska M, et al. (2025) Hypoxic stress dysregulates functions of glioma-associated myeloid cells through epigenomic and transcriptional programs. Cell reports, 44(9), 116222.

Žukauskait? D, et al. (2025) Evaluating endometrial response to human chorionic gonadotropin: alterations in epigenetic regulation and extracellular vesicle cargo of endometrial stromal cells. Human reproduction open, 2025(3), hoaf051.

Žukauskait? D, et al. (2024) The outcome of tissue cryopreservation on the cellular, molecular and epigenetic characteristics of endometrial tissue and stromal cells. Reproductive biomedicine online, 49(2), 103990.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. Cancer cell, 41(8), 1480.

Hernández-Carralero E, et al. (2023) ATXN3 controls DNA replication and transcription by regulating chromatin structure. Nucleic acids research.

Kalef-Ezra E, et al. (2023) A new FRDA mouse model [Fxn null:YG8s(GAA) > 800] with more than 800 GAA repeats. Frontiers in neuroscience, 17, 930422.

Wang C, et al. (2022) A small RNA-guided PRC2 complex eliminates DNA as an extreme form of transposon silencing. Cell reports, 40(8), 111263.

Murawska M, et al. (2021) The histone chaperone FACT facilitates heterochromatin spreading by regulating histone turnover and H3K9 methylation states. Cell reports, 37(5), 109944.

Haraguchi S, et al. (2019) Light-at-night exposure affects brain development through pineal allopregnanolone-dependent mechanisms. eLife, 8.

Bayo J, et al. (2018) Jumonji Inhibitors Overcome Radioresistance in Cancer through Changes in H3K4 Methylation at Double-Strand Breaks. Cell reports, 25(4), 1040.

Lee CH, et al. (2018) Allosteric Activation Dictates PRC2 Activity Independent of Its Recruitment to Chromatin. Molecular cell, 70(3), 422.

Chousal J, et al. (2018) Chromatin Modification and Global Transcriptional Silencing in the Oocyte Mediated by the mRNA Decay Activator ZFP36L2. Developmental cell, 44(3), 392.

Hirota T, et al. (2018) SETDB1 Links the Meiotic DNA Damage Response to Sex Chromosome Silencing in Mice. Developmental cell, 47(5), 645.

Biswas U, et al. (2018) SMC1? Substitutes for Many Meiotic Functions of SMC1? but Cannot Protect Telomeres from Damage. Current biology : CB, 28(2), 249.

Mendez-Bermudez A, et al. (2018) Genome-wide Control of Heterochromatin Replication by the Telomere Capping Protein TRF2. Molecular cell, 70(3), 449.