Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

Rabbit Anti-Histone H3, trimethyl (Lys27) Polyclonal antibody, Unconjugated

RRID:AB_310624
Type: Antibody

Proper Citation

(Millipore Cat# 07-449, RRID:AB_310624)

Antibody Information

URL: http://antibodyregistry.org/AB_310624

Proper Citation: (Millipore Cat# 07-449, RRID:AB_310624)

Target Antigen: Histone H3, trimethyl (Lys27)

Host Organism: rabbit

Clonality: polyclonal

Comments: Validated for Fly by Xia et al 2016 10.18632/aging.101107; seller recommendations: Blocking/Neutralize; Functional Assay; Immunocytochemistry; Immunoprecipitation; Other; Western Blot; Western Blotting, Immunocytochemistry

Antibody Name: Rabbit Anti-Histone H3, trimethyl (Lys27) Polyclonal antibody, Unconjugated

Description: This polyclonal targets Histone H3, trimethyl (Lys27)

Target Organism: mouse, human

Defining Citation: PMID:27889707

Antibody ID: AB_310624

Vendor: Millipore

Catalog Number: 07-449

Record Creation Time: 20231110T044942+0000

Record Last Update: 20241115T013844+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: Unknown is available under ENCODE ID: ENCAB000AUP - ENCODE https://www.encodeproject.org/antibodies/ENCAB000AUP

No alerts have been found for Rabbit Anti-Histone H3, trimethyl (Lys27) Polyclonal antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 208 mentions in open access literature.

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

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.

Kuroha K, et al. (2025) Abnormal H3K27me3 underlies degenerative spermatogonial stem cells in cryptorchid testis. Development (Cambridge, England), 152(2).

Arecco N, et al. (2024) Alternative splicing decouples local from global PRC2 activity. Molecular cell, 84(6), 1049.

Shehzada S, et al. (2024) A SUMO E3 ligase promotes long non-coding RNA transcription to regulate small RNA-directed DNA elimination. eLife, 13.

Titus KR, et al. (2024) Cell-type-specific loops linked to RNA polymerase II elongation in human neural differentiation. Cell genomics, 4(8), 100606.

Shen SY, et al. (2024) Optimizing rice grain size by attenuating phosphorylation-triggered functional impairment of a chromatin modifier ternary complex. Developmental cell, 59(4), 448.

Mehta K, et al. (2024) A cis-regulatory module underlies retinal ganglion cell genesis and axonogenesis. Cell reports, 43(6), 114291.

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

Matsui S, et al. (2024) Pioneer and PRDM transcription factors coordinate bivalent epigenetic states to safeguard cell fate. Molecular cell, 84(3), 476.

Ramos-Rodríguez M, et al. (2024) Implications of noncoding regulatory functions in the development of insulinomas. Cell genomics, 4(8), 100604.

Lando D, et al. (2024) Enhancer-promoter interactions are reconfigured through the formation of long-range multiway hubs as mouse ES cells exit pluripotency. Molecular cell.

Zhai D, et al. (2024) Reciprocal conversion between annual and polycarpic perennial flowering behavior in the Brassicaceae. Cell, 187(13), 3319.

Liu X, et al. (2024) Small-molecule-induced epigenetic rejuvenation promotes SREBP condensation and overcomes barriers to CNS myelin regeneration. Cell, 187(10), 2465.

Hayashi Y, et al. (2024) Control of epigenomic landscape and development of fetal male germ cells through L-serine metabolism. iScience, 27(9), 110702.

Cossec JC, et al. (2023) Transient suppression of SUMOylation in embryonic stem cells generates embryo-like structures. Cell reports, 42(4), 112380.

Tabrizian N, et al. (2023) ASCL1 is activated downstream of the ROR2/CREB signaling pathway to support lineage plasticity in prostate cancer. Cell reports, 42(8), 112937.

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

Milevskiy MJG, et al. (2023) Three-dimensional genome architecture coordinates key regulators of lineage specification in mammary epithelial cells. Cell genomics, 3(11), 100424.

Teano G, et al. (2023) Histone H1 protects telomeric repeats from H3K27me3 invasion in Arabidopsis. Cell reports, 42(8), 112894.

Valledor M, et al. (2023) Early chromosome condensation by XIST builds A-repeat RNA density that facilitates gene silencing. Cell reports, 42(7), 112686.