Resource Summary Report

Generated by RRID on Aug 5, 2026

Histone H3 (di methyl K27) antibody - ChIP Grade

RRID:AB_448222
Type: Antibody

Proper Citation

Abcam Cat# ab24684, RRID:AB_448222

Antibody Information

URL: http://antibodyregistry.org/AB_448222

Proper Citation: Abcam Cat# ab24684, RRID:AB_448222

Target Antigen: Histone H3 (di methyl K27) antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ChIP, ICC/IF, IP, WB; Immunofluorescence; ChIP; Immunocytochemistry; Immunoprecipitation; Western Blot

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

Description: This polyclonal targets Histone H3 (di methyl K27) antibody - ChIP Grade

Target Organism: cow, mouse, bovine, human

Antibody ID: AB_448222

Vendor: Abcam

Catalog Number: ab24684

Record Creation Time: 20250819T220713+0000

Record Last Update: 20250820T011003+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 484517 is available under ENCODE ID: ENCAB961FBP - ENCODE https://www.encodeproject.org/antibodies/ENCAB961FBP

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Pal M, et al. (2025) The establishment of nuclear organization in mouse embryos is orchestrated by multiple epigenetic pathways. Cell, 188(13), 3583.

Xu M, et al. (2025) A fungal chromatin remodeler drives transcription by establishing an open chromatin architecture and activated histone environment. Cell reports, 44(9), 116169.

Jamge B, et al. (2023) Histone variants shape chromatin states in Arabidopsis. eLife, 12.

Sundararajan S, et al. (2023) Methylated histones on mitotic chromosomes promote topoisomerase II? function for high fidelity chromosome segregation. iScience, 26(5), 106743.

Pandit M, et al. (2023) Methionine consumption by cancer cells drives a progressive upregulation of PD-1 expression in CD4 T cells. Nature communications, 14(1), 2593.

Harpaz N, et al. (2022) Single-cell epigenetic analysis reveals principles of chromatin states in H3.3-K27M gliomas. Molecular cell, 82(14), 2696.

Sasaki K, et al. (2022) Visualization of the dynamic interaction between nucleosomal histone H3K9 tri-methylation and HP1? chromodomain in living cells. Cell chemical biology, 29(7), 1153.

Daura E, et al. (2021) Cystatin B-deficiency triggers ectopic histone H3 tail cleavage during neurogenesis. Neurobiology of disease, 156, 105418.

Tauc HM, et al. (2021) Age-related changes in polycomb gene regulation disrupt lineage fidelity in intestinal stem cells. eLife, 10.

Biggar KK, et al. (2020) Proteome-wide Prediction of Lysine Methylation Leads to Identification of H2BK43 Methylation and Outlines the Potential Methyllysine Proteome. Cell reports, 32(2), 107896.

Huang Y, et al. (2019) Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. Cancer cell, 35(4), 677.

Ma Z, et al. (2018) Epigenetic drift of H3K27me3 in aging links glycolysis to healthy longevity in Drosophila. eLife, 7.

Zhou Z, et al. (2018) Loss of TET1 facilitates DLD1 colon cancer cell migration via H3K27me3-mediated down-regulation of E-cadherin. Journal of cellular physiology, 233(2), 1359.

Ying Z, et al. (2018) Short-Term Mitochondrial Permeability Transition Pore Opening Modulates Histone Lysine Methylation at the Early Phase of Somatic Cell Reprogramming. Cell metabolism, 28(6), 935.

Hinohara K, et al. (2018) KDM5 Histone Demethylase Activity Links Cellular Transcriptomic Heterogeneity to Therapeutic Resistance. Cancer cell, 34(6), 939.

Zhu Z, et al. (2017) PHB Associates with the HIRA Complex to Control an Epigenetic-Metabolic Circuit in Human ESCs. Cell stem cell, 20(2), 274.

Brejc K, et al. (2017) Dynamic Control of X Chromosome Conformation and Repression by a Histone H4K20 Demethylase. Cell, 171(1), 85.

Evans B, et al. (2015) Registered report: Oncometabolite 2-hydroxyglutarate is a competitive inhibitor of ?-ketoglutarate-dependent dioxygenases. eLife, 4, e07420.