

Resource Summary Report

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Rabbit Anti-Histone H3, Trimethyl (Lys27) Monoclonal Antibody, Unconjugated, Clone C36B11

RRID:AB_2616029

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9733, RRID:AB_2616029

Antibody Information

URL: http://antibodyregistry.org/AB_2616029

Proper Citation: Cell Signaling Technology Cat# 9733, RRID:AB_2616029

Target Antigen: H3

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F, ChIP, ChIP-seq. Consolidation on 9/2016: AB_1147656, AB_1147655.

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Rabbit Anti-Histone H3, Trimethyl (Lys27) Monoclonal Antibody, Unconjugated, Clone C36B11

Description: This monoclonal targets H3

Target Organism: h, m, r, mk

Clone ID: Clone C36B11

Antibody ID: AB_2616029

Vendor: Cell Signaling Technology

Catalog Number: 9733

Alternative Catalog Numbers: 9733S, 9733P

Record Creation Time: 20250820T064919+0000

Record Last Update: 20250821T010000+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB000AQY - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000AQY>

No alerts have been found for Rabbit Anti-Histone H3, Trimethyl (Lys27) Monoclonal Antibody, Unconjugated, Clone C36B11.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 331 mentions in open access literature.

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

Janssens DH, et al. (2026) Sequential RNA polymerase II activation drives human hematopoiesis. Cell reports, 45(1), 116802.

Chiang JC, et al. (2025) Lipoylation inhibition enhances radiation control of lung cancer by suppressing homologous recombination DNA damage repair. Science advances, 11(11), eadt1241.

Kumar B, et al. (2025) Multiplexed chromatin immunoprecipitation sequencing for quantitative study of histone modifications and chromatin factors. Nature protocols, 20(3), 779.

Isshiki Y, et al. (2025) EZH2 inhibition enhances T cell immunotherapies by inducing lymphoma immunogenicity and improving T cell function. Cancer cell, 43(1), 49.

Bajikar SS, et al. (2025) Acute MeCP2 loss in adult mice reveals transcriptional and chromatin changes that precede neurological dysfunction and inform pathogenesis. Neuron, 113(3), 380.

Ge S, et al. (2025) Calcium-responsive phosphorylation of SILHP1b epigenetically suppresses auxin synthesis to control drought-induced flower drop in tomato. Developmental cell.

Fujisawa S, et al. (2025) The transcription factor BATF pioneers the differentiation program of effector CD8+ T cells through the interaction with IRF4. Cell reports, 44(8),

116129.

Nguyen TF, et al. (2025) Dynamic regulation of murine RNA polymerase III transcription during heat shock stress. *Genetics*, 230(1).

Dang D, et al. (2025) Isocitrate dehydrogenase 1 primes group-3 medulloblastomas for cuproptosis. *Cancer cell*, 43(6), 1159.

Wang W, et al. (2025) Chromatin modification abnormalities by CHD7 and KMT2C loss promote medulloblastoma progression. *Cell reports*, 44(5), 115673.

Lim G, et al. (2025) AURKB and PI3K/AKT/mTOR pathways converge to regulate TERT expression. *iScience*, 28(8), 113194.

Li J, et al. (2025) CRISPR-based screening identifies the role of KRAB-containing transcription factors ZIM3 and ZNF394 in human major zygotic genome activation. *Cell reports*, 44(8), 116015.

Kawamura YK, et al. (2025) Preventing CpG hypermethylation in oocytes safeguards mouse development. *Developmental cell*.

Kondo T, et al. (2025) SKP1A bound to Polycomb-silenced genes mediates degradation of PRC2 and preconditions their activation. *Molecular cell*, 85(17), 3306.

Datar GK, et al. (2025) Disparate leukemia mutations converge on nuclear phase-separated condensates. *Cell*, 188(25), 7118.

Rominger MC, et al. (2025) Mutant RIT1 cooperates with YAP to drive an EMT-like lung cancer state. *Cell reports*, 44(10), 116185.

Xue C, et al. (2025) Extracellular vesicles from obese visceral adipose promote pancreatic cancer development and resistance to immune checkpoint blockade therapy. *Cell metabolism*, 37(12), 2381.

Yagi M, et al. (2025) Bivalent chromatin instructs lineage specification during hematopoiesis. *Cell*, 188(16), 4314.

Zhao K, et al. (2025) Endogenous fine-mapping and prioritization of functional regulatory elements in complex genetic loci. *Cell genomics*, 100982.

Su Z, et al. (2025) Regulation of epigenetics and chromosome structure by human ORC2. *Cell reports*, 44(6), 115816.