

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

DNMT1 (D63A6) XP Rabbit mAb

RRID:AB_10548197

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5032, RRID:AB_10548197

Antibody Information

URL: http://antibodyregistry.org/AB_10548197

Proper Citation: Cell Signaling Technology Cat# 5032, RRID:AB_10548197

Target Antigen: DNMT1 (D63A6) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, F. Consolidation on 10/2018: AB_10548197, AB_10828695.

Antibody Name: DNMT1 (D63A6) XP Rabbit mAb

Description: This monoclonal targets DNMT1 (D63A6) XP Rabbit mAb

Target Organism: b, dg, rat, hm, hamster, h, gp, canine, hr, m, horse, mouse, r, bovine, human, mk

Antibody ID: AB_10548197

Vendor: Cell Signaling Technology

Catalog Number: 5032

Record Creation Time: 20250820T050102+0000

Record Last Update: 20250820T203323+0000

Ratings and Alerts

- Validation information is available. - Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU)
<https://cairibu.urology.wisc.edu/>

No alerts have been found for DNMT1 (D63A6) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Singh D, et al. (2026) Antibody-Mediated Targeting of Secretory Protein SCUBE3 Suppresses Cancer Progression by Inhibiting Oncogenic Signaling and Inducing Antitumor Immunity. *Cancer research*, 86(5), 1252.

Xia TL, et al. (2026) NSUN2-mediated m5C modification of BHLF1 RNA facilitates the lytic replication of Epstein-Barr virus. *Cell reports*, 45(7), 117562.

Jangde N, et al. (2026) RAC1 regulates Sonic Hedgehog-medulloblastoma growth via GLI-mediated transcription. *Neuro-oncology*, 28(6), 1527.

Chang CY, et al. (2026) Cryopreservable dopaminergic progenitors derived from human iPSCs with accelerated loss of pluripotency and early functional restoration in Parkinsonian rats. *NPJ Parkinson's disease*, 12(1).

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Quarto G, et al. (2025) Fine-tuning of gene expression through the Mettl3-Mettl14-Dnmt1 axis controls ESC differentiation. *Cell*, 188(4), 998.

Yang K, et al. (2025) Downregulation of ECRG4 by DNMT1 promotes EC growth via IRF3/IFN- γ /miR-29b/DNMT1/ECRG4 positive feedback loop. *iScience*, 28(1), 111614.

Bensberg M, et al. (2025) Exposing the DNA methylation-responsive compartment of the leukaemic genome in T-ALL cell lines support its potential as a novel therapeutic target in T-ALL. *Clinical epigenetics*, 17(1), 114.

Hanthi YW, et al. (2024) RAD51 protects abasic sites to prevent replication fork breakage. *Molecular cell*, 84(16), 3026.

Liang Y, et al. (2024) Vitamin D alleviates HFD-induced hepatic fibrosis by inhibiting DNMT1 to affect the TGF β 1/Smad3 pathway. *iScience*, 27(12), 111262.

Ulschmid CM, et al. (2024) Disruption of DNA methylation-mediated cranial neural crest proliferation and differentiation causes orofacial clefts in mice. *Proceedings of the National*

Academy of Sciences of the United States of America, 121(3), e2317668121.

Yamauchi T, et al. (2024) Epigenetic repression of de novo cysteine synthetases induces intra-cellular accumulation of cysteine in hepatocarcinoma by up-regulating the cystine uptake transporter xCT. *Cancer & metabolism*, 12(1), 23.

Huang X, et al. (2024) ZFP281 controls transcriptional and epigenetic changes promoting mouse pluripotent state transitions via DNMT3 and TET1. *Developmental cell*, 59(4), 465.

Scelfo A, et al. (2024) Tunable DNMT1 degradation reveals DNMT1/DNMT3B synergy in DNA methylation and genome organization. *The Journal of cell biology*, 223(4).

Guo Z, et al. (2024) Targeting LTA4H facilitates the reshaping of the immune microenvironment mediated by CCL5 and sensitizes ovarian cancer to Cisplatin. *Science China. Life sciences*.

Kakani P, et al. (2024) Hypoxia-induced CTCF promotes EMT in breast cancer. *Cell reports*, 43(7), 114367.

Weickert P, et al. (2024) Electro-elution-based purification of covalent DNA-protein cross-links. *Nature protocols*, 19(10), 2891.

Liu L, et al. (2023) Regulation of HAND2 Expression by LncRNA HAND2-AS1 in Ovarian Endometriosis Involving DNA Methylation. *Journal of the Endocrine Society*, 7(6), bvad049.

Fernandes V, et al. (2023) Neuroepigenetic Changes in DNA Methylation Affecting Diabetes-Induced Cognitive Impairment. *Cellular and molecular neurobiology*, 43(5), 2005.

Yabushita T, et al. (2023) Mitotic perturbation is a key mechanism of action of decitabine in myeloid tumor treatment. *Cell reports*, 42(9), 113098.