

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

PRMT1 (A33) Antibody

RRID:AB_2237696

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2449, RRID:AB_2237696

Antibody Information

URL: http://antibodyregistry.org/AB_2237696

Proper Citation: Cell Signaling Technology Cat# 2449, RRID:AB_2237696

Target Antigen: PRMT1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: PRMT1 (A33) Antibody

Description: This polyclonal targets PRMT1

Target Organism: rat, mouse, human

Antibody ID: AB_2237696

Vendor: Cell Signaling Technology

Catalog Number: 2449

Record Creation Time: 20250820T044705+0000

Record Last Update: 20250820T195542+0000

Ratings and Alerts

No rating or validation information has been found for PRMT1 (A33) Antibody.

No alerts have been found for PRMT1 (A33) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zhang Y, et al. (2026) Repression of PRMT activities sensitize human homologous recombination-proficient ovarian and breast cancer cells to PARP inhibitor treatment. *eLife*, 13.

Hussain T, et al. (2025) Therapeutic potential of PRMT1 as a critical survival dependency target in multiple myeloma. *BMC cancer*, 25(1), 1704.

Aikio M, et al. (2025) Opposing roles of p38 γ -mediated phosphorylation and PRMT1-mediated arginine methylation in driving TDP-43 proteinopathy. *Cell reports*, 44(1), 115205.

Wu PY, et al. (2024) Cooperation between PRMT1 and PRMT6 drives lung cancer health disparities among Black/African American men. *iScience*, 27(2), 108858.

Zhang X, et al. (2024) CRISPR screening identifies PRMT1 as a key pro-ferroptotic gene via a two-layer regulatory mechanism. *Cell reports*, 43(9), 114662.

Yin S, et al. (2023) CDK5-PRMT1-WDR24 signaling cascade promotes mTORC1 signaling and tumor growth. *Cell reports*, 42(4), 112316.

Huang M, et al. (2023) FACS-based genome-wide CRISPR screens define key regulators of DNA damage signaling pathways. *Molecular cell*, 83(15), 2810.

Li X, et al. (2023) Spermine is a natural suppressor of AR signaling in castration-resistant prostate cancer. *Cell reports*, 42(7), 112798.

Tang S, et al. (2022) A genome-scale CRISPR screen reveals PRMT1 as a critical regulator of androgen receptor signaling in prostate cancer. *Cell reports*, 38(8), 110417.

Wang YP, et al. (2021) Malic enzyme 2 connects the Krebs cycle intermediate fumarate to mitochondrial biogenesis. *Cell metabolism*, 33(5), 1027.

Choi JH, et al. (2021) Melatonin Inhibits Osteoclastogenesis and Bone Loss in Ovariectomized Mice by Regulating PRMT1-Mediated Signaling. *Endocrinology*, 162(6).

Yan Z, et al. (2021) The protein arginine methyltransferase PRMT1 promotes TBK1 activation through asymmetric arginine methylation. *Cell reports*, 36(12), 109731.

Yang M, et al. (2020) OXR1A, a Coactivator of PRMT5 Regulating Histone Arginine Methylation. *Cell reports*, 30(12), 4165.

Jackson-Weaver O, et al. (2020) PRMT1-p53 Pathway Controls Epicardial EMT and Invasion. *Cell reports*, 31(10), 107739.

Lo LH, et al. (2020) The Protein Arginine Methyltransferase PRMT8 and Substrate G3BP1 Control Rac1-PAK1 Signaling and Actin Cytoskeleton for Dendritic Spine Maturation. *Cell reports*, 31(10), 107744.

Fong JY, et al. (2019) Therapeutic Targeting of RNA Splicing Catalysis through Inhibition of Protein Arginine Methylation. *Cancer cell*, 36(2), 194.

Qiao X, et al. (2019) Protein Arginine Methyltransferase 1 Interacts With PGC1 α and Modulates Thermogenic Fat Activation. *Endocrinology*, 160(12), 2773.