

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

ATM antibody [2C1 (1A1)]

RRID:AB_306089

Type: Antibody

Proper Citation

Abcam Cat# ab78, RRID:AB_306089

Antibody Information

URL: http://antibodyregistry.org/AB_306089

Proper Citation: Abcam Cat# ab78, RRID:AB_306089

Target Antigen: ATM antibody [2C1 (1A1)]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Other; Western Blot; Immunoprecipitation; Immunohistochemistry - fixed; IHC-P, IP, WB

Antibody Name: ATM antibody [2C1 (1A1)]

Description: This monoclonal targets ATM antibody [2C1 (1A1)]

Target Organism: monkey, rat, mouse, human

Antibody ID: AB_306089

Vendor: Abcam

Catalog Number: ab78

Record Creation Time: 20250820T044739+0000

Record Last Update: 20250820T195703+0000

Ratings and Alerts

No rating or validation information has been found for ATM antibody [2C1 (1A1)].

No alerts have been found for ATM antibody [2C1 (1A1)].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Kalamuddin M, et al. (2024) MYST regulates DNA repair and forms a NuA4-like complex in the malaria parasite *Plasmodium falciparum*. *mSphere*, 9(4), e0014024.

Jamal K, et al. (2022) Drug-gene Interaction Screens Coupled to Tumor Data Analyses Identify the Most Clinically Relevant Cancer Vulnerabilities Driving Sensitivity to PARP Inhibition. *Cancer research communications*, 2(10), 1244.

Lee KY, et al. (2021) Chk1 promotes non-homologous end joining in G1 through direct phosphorylation of ASF1A. *Cell reports*, 34(4), 108680.

Liu JCY, et al. (2021) Mechanism and function of DNA replication-independent DNA-protein crosslink repair via the SUMO-RNF4 pathway. *The EMBO journal*, 40(18), e107413.

Ka NL, et al. (2021) IFI16 inhibits DNA repair that potentiates type-I interferon-induced antitumor effects in triple negative breast cancer. *Cell reports*, 37(12), 110138.

Dieter SM, et al. (2021) Degradation of CCNK/CDK12 is a druggable vulnerability of colorectal cancer. *Cell reports*, 36(3), 109394.

Wang X, et al. (2020) Cas12a Base Editors Induce Efficient and Specific Editing with Low DNA Damage Response. *Cell reports*, 31(9), 107723.

Guerra RM, et al. (2018) Precision Targeting of BFL-1/A1 and an ATM Co-dependency in Human Cancer. *Cell reports*, 24(13), 3393.

Qian M, et al. (2018) Boosting ATM activity alleviates aging and extends lifespan in a mouse model of progeria. *eLife*, 7.

Ahmad F, et al. (2017) Telomerase reverse transcriptase (TERT) - enhancer of zeste homolog 2 (EZH2) network regulates lipid metabolism and DNA damage responses in glioblastoma. *Journal of neurochemistry*, 143(6), 671.

Lee KY, et al. (2017) ASF1a Promotes Non-homologous End Joining Repair by Facilitating Phosphorylation of MDC1 by ATM at Double-Strand Breaks. *Molecular cell*, 68(1), 61.