

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

ATM antibody [Y170]

RRID:AB_725574

Type: Antibody

Proper Citation

Abcam Cat# ab32420, RRID:AB_725574

Antibody Information

URL: http://antibodyregistry.org/AB_725574

Proper Citation: Abcam Cat# ab32420, RRID:AB_725574

Target Antigen: ATM antibody [Y170]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; Immunohistochemistry; Immunoprecipitation; ICC/IF, IHC-P, IP, WB

Antibody Name: ATM antibody [Y170]

Description: This monoclonal targets ATM antibody [Y170]

Target Organism: human

Antibody ID: AB_725574

Vendor: Abcam

Catalog Number: ab32420

Record Creation Time: 20231110T080116+0000

Record Last Update: 20260829T023258+0000

Ratings and Alerts

No rating or validation information has been found for ATM antibody [Y170].

No alerts have been found for ATM antibody [Y170].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Jungwirth J, et al. (2026) The Host Cell Factor Phosphatase-2A Subunit PR130 Restricts Replication of Herpes Simplex Virus Type-1. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e23697.

Chatterjee S, et al. (2026) Pathogenesis of Noonan Syndrome is Modulated by NOC2L, a Novel Interactor of LZTR1 Leading to Impaired P53 Signalling. The Journal of clinical endocrinology and metabolism, 111(5), 1418.

Roger E, et al. (2026) ATM Deficiency Induces TGF β -Mediated Stromal Programming in Pancreatic Cancer. Cancer research, 86(14), 3412.

Varadarajan K, et al. (2025) Efficacy of ATR Kinase Inhibitor Elimusertib Monotherapy or Combination in Tumors with DNA Damage Response Pathway and Other Genomic Alterations. Molecular cancer therapeutics, 24(9), 1402.

Xu K, et al. (2025) ATM deficiency drives phenotypic diversity and Purkinje cell degeneration in a macaque model of ataxia-telangiectasia. Cell reports. Medicine, 6(9), 102355.

Hofstad M, et al. (2025) Dual inhibition of ATR and DNA-PKcs radiosensitizes ATM-mutant prostate cancer. Oncogene, 44(22), 1746.

Yadav S, et al. (2025) Genomic and Immune Landscape of Pancreatic Ductal Adenocarcinoma Associated with Germline Pathogenic Variants in ATM. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(21), 4463.

Kang TS, et al. (2024) YZL-51N functions as a selective inhibitor of SIRT7 by NAD⁺ competition to impede DNA damage repair. iScience, 27(6), 110014.

Lee HHY, et al. (2024) Inhibition of Aberrantly Overexpressed Polo-like Kinase 4 Is a Potential Effective Treatment for DNA Damage Repair-Deficient Uterine Leiomyosarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(17), 3904.

Suzuki M, et al. (2023) KMT2C expression and DNA homologous recombination repair factors in lung cancers with a high-grade fetal adenocarcinoma component. Translational lung cancer research, 12(8), 1738.

Liu J, et al. (2023) A kinome-wide CRISPR screen identifies CK1 γ as a target to overcome enzalutamide resistance of prostate cancer. *Cell reports. Medicine*, 4(4), 101015.

Bastianello G, et al. (2023) Cell stretching activates an ATM mechano-transduction pathway that remodels cytoskeleton and chromatin. *Cell reports*, 42(12), 113555.

Chou HC, et al. (2021) The human origin recognition complex is essential for pre-RC assembly, mitosis, and maintenance of nuclear structure. *eLife*, 10.

Fukushima K, et al. (2020) Dysregulated Expression of the Nuclear Exosome Targeting Complex Component Rbm7 in Nonhematopoietic Cells Licenses the Development of Fibrosis. *Immunity*, 52(3), 542.

Zhang C, et al. (2020) METTL3 and N6-Methyladenosine Promote Homologous Recombination-Mediated Repair of DSBs by Modulating DNA-RNA Hybrid Accumulation. *Molecular cell*, 79(3), 425.

Laprade H, et al. (2020) Single-Molecule Imaging of Telomerase RNA Reveals a Recruitment-Retention Model for Telomere Elongation. *Molecular cell*, 79(1), 115.

Chakraborty A, et al. (2020) Replication Stress Induces Global Chromosome Breakage in the Fragile X Genome. *Cell reports*, 32(12), 108179.

Yenerall P, et al. (2020) RUVBL1/RUVBL2 ATPase Activity Drives PAQosome Maturation, DNA Replication and Radioresistance in Lung Cancer. *Cell chemical biology*, 27(1), 105.

Fujiwara Y, et al. (2018) A Nucleolar Stress-Specific p53-miR-101 Molecular Circuit Functions as an Intrinsic Tumor-Suppressor Network. *EBioMedicine*, 33, 33.

Simões-Sousa S, et al. (2018) The p38 γ Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1 α . *Cell reports*, 25(3), 749.