Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

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: Human ATM

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: ATM antibody [Y170]

Description: This monoclonal targets Human ATM

Target Organism: human

Clone ID: Clone Y170

Antibody ID: AB_725574

Vendor: Abcam

Catalog Number: ab32420

Record Creation Time: 20231110T043457+0000

Record Last Update: 20241115T012647+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 13 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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.

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? 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.

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

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

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? Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1?. Cell reports, 25(3), 749.