

Resource Summary Report

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Phospho-(Ser/Thr) ATM/ATR Substrate Antibody

RRID:AB_330318

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2851, RRID:AB_330318

Antibody Information

URL: http://antibodyregistry.org/AB_330318

Proper Citation: Cell Signaling Technology Cat# 2851, RRID:AB_330318

Target Antigen: Phospho-(Ser/Thr) ATM/ATR Substrate

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP, E-P. Consolidation on 10/2018: AB_10078267, AB_10104700, AB_330318, AB_330319.

Antibody Name: Phospho-(Ser/Thr) ATM/ATR Substrate Antibody

Description: This polyclonal targets Phospho-(Ser/Thr) ATM/ATR Substrate

Target Organism: all

Antibody ID: AB_330318

Vendor: Cell Signaling Technology

Catalog Number: 2851

Record Creation Time: 20250820T012345+0000

Record Last Update: 20250820T104850+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-(Ser/Thr) ATM/ATR Substrate Antibody.

No alerts have been found for Phospho-(Ser/Thr) ATM/ATR Substrate 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 [dkNET](#) .

Wang Z, et al. (2026) RAD51 succinylation regulates homologous recombination and contributes to the chemosensitivity in cancer. *Molecular cell*, 86(4), 585.

Sun L, et al. (2025) Phosphorylation of SIRT7 by ATM causes DNA mismatch repair downregulation and adaptive mutability during chemotherapy. *Cell reports*, 44(2), 115269.

Tian J, et al. (2025) DSCC1 restrains 53BP1/RIF1 signaling at DNA double-strand breaks to promote homologous recombination repair. *Cell reports*, 44(4), 115452.

Lu YF, et al. (2025) WDFY2 promotes MRN complex formation required for homologous recombination-mediated DNA repair. *Cell reports*, 44(11), 116520.

Zhu S, et al. (2025) Isoform-specific function of NSD3 in DNA replication stress confers resistance to PARP inhibitors in prostate cancer. *Molecular cell*, 85(14), 2673.

Cook AL, et al. (2025) Identification of nonsense-mediated decay inhibitors that alter the tumor immune landscape. *eLife*, 13.

Chen Y, et al. (2024) Metabolic regulation of homologous recombination repair by MRE11 lactylation. *Cell*, 187(2), 294.

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

Gil-Ranedo J, et al. (2021) Viral targeting of glioblastoma stem cells with patient-specific genetic and post-translational p53 deregulations. *Cell reports*, 36(10), 109673.

Palma M, et al. (2021) A role for AKT1 in nonsense-mediated mRNA decay. *Nucleic acids research*, 49(19), 11022.

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

Shah RB, et al. (2021) FANCI functions as a repair/apoptosis switch in response to DNA crosslinks. *Developmental cell*, 56(15), 2207.

Yasuda T, et al. (2021) Inflammation-driven senescence-associated secretory phenotype in cancer-associated fibroblasts enhances peritoneal dissemination. *Cell reports*, 34(8), 108779.

Huang J, et al. (2020) Tandem Deubiquitination and Acetylation of SPRTN Promotes DNA-Protein Crosslink Repair and Protects against Aging. *Molecular cell*, 79(5), 824.

Kim JJ, et al. (2020) PCAF-Mediated Histone Acetylation Promotes Replication Fork Degradation by MRE11 and EXO1 in BRCA-Deficient Cells. *Molecular cell*, 80(2), 327.

Zhang F, et al. (2020) L ARP7 Is a BRCA1??Ubiquitinase Substrate and Regulates Genome Stability and Tumorigenesis. *Cell reports*, 32(4), 107974.

Preussner J, et al. (2018) Oncogenic Amplification of Zygotic Dux Factors in Regenerating p53-Deficient Muscle Stem Cells Defines a Molecular Cancer Subtype. *Cell stem cell*, 23(6), 794.