Resource Summary Report

Generated by dkNET on Jul 31, 2026

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: 20250820T005959+0000

Record Last Update: 20250820T094532+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 16 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

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.

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

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.

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

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.

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

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

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

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.

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

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.

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.