

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Histone H2A.X (phospho S139) antibody [EP854(2)Y]

RRID:AB_1640564

Type: Antibody

Proper Citation

Abcam Cat# ab81299, RRID:AB_1640564

Antibody Information

URL: http://antibodyregistry.org/AB_1640564

Proper Citation: Abcam Cat# ab81299, RRID:AB_1640564

Target Antigen: Histone H2A.X (phospho S139) antibody [EP854(2)Y]

Host Organism: rabbit

Clonality: monoclonal

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

Antibody Name: Histone H2A.X (phospho S139) antibody [EP854(2)Y]

Description: This monoclonal targets Histone H2A.X (phospho S139) antibody [EP854(2)Y]

Target Organism: rat, human

Antibody ID: AB_1640564

Vendor: Abcam

Catalog Number: ab81299

Record Creation Time: 20250820T025147+0000

Record Last Update: 20250820T144326+0000

Ratings and Alerts

No rating or validation information has been found for Histone H2A.X (phospho S139) antibody [EP854(2)Y].

No alerts have been found for Histone H2A.X (phospho S139) antibody [EP854(2)Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Zhang S, et al. (2025) p57 increases immunotherapy efficacy by promoting cGAS-STING-mediated innate sensing in hepatocellular carcinoma. *Cell reports*, 45(1), 116769.

Qin LN, et al. (2025) Extrachromosomal DNA biogenesis is dependent on DNA looping and religation by YY1-Lig3-PARYlation complex. *Molecular cell*, 85(16), 3090.

Xia M, et al. (2025) Single-nucleus profiling of mouse inner ear aging uncovers cell type heterogeneity and hair cell subtype-specific age-related signatures. *Cell reports*, 44(6), 115781.

Huang L, et al. (2025) Interferon-driven CAF reprogramming augments immunogenic response to neoadjuvant radiotherapy in colorectal cancer. *Cell reports. Medicine*, 6(8), 102251.

Bidkar AP, et al. (2025) Effective Treatment of Disseminated Prostate Cancer Using CD46-Targeted 225Ac Therapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(14), 2963.

Sun Y, et al. (2025) The m6A reader IGF2BP2 promotes homologous recombination-mediated DNA repair by eliminating DNA-RNA hybrids. *Cell reports*, 44(10), 116438.

Zhang R, et al. (2025) Cancer-associated fibroblast-derived fibulin-5 promotes radioresistance in non-small-cell lung cancer. *Cell reports*, 44(8), 116018.

Zhu X, et al. (2025) Circular RNA circATM binds PARP1 to suppress Wnt/??-catenin signaling and induce cell cycle arrest in gastric cancer cells. *Journal of advanced research*.

Hu D, et al. (2025) Establishment of human cerebral organoid systems to model early neural development and assess the central neurotoxicity of environmental toxins. *Neural regeneration research*, 20(1), 242.

Le Bozec B, et al. (2025) Circadian PERIOD proteins regulate TC-DSB repair through anchoring to the nuclear envelope. *Molecular cell*, 85(24), 4492.

Lachiondo-Ortega S, et al. (2024) SUMOylation controls Hu antigen R posttranscriptional activity in liver cancer. *Cell reports*, 43(3), 113924.

Kang Z, et al. (2024) m6A-modified cenRNA stabilizes CENPA to ensure centromere integrity in cancer cells. *Cell*, 187(21), 6035.

Kong D, et al. (2024) The Role of Prolactin in Amniotic Membrane Regeneration: Therapeutic Potential for Premature Rupture of Membranes. *Endocrinology*, 165(9).

Hou Y, et al. (2024) TDP-43 chronic deficiency leads to dysregulation of transposable elements and gene expression by affecting R-loop and 5hmC crosstalk. *Cell reports*, 43(1), 113662.

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.

Ghrayeb A, et al. (2024) Serine synthesis via reversed SHMT2 activity drives glycine depletion and acetaminophen hepatotoxicity in MASLD. *Cell metabolism*, 36(1), 116.

Teresa BG, et al. (2024) Reversion from basal histone H4 hypoacetylation at the replication fork increases DNA damage in FANCA deficient cells. *PloS one*, 19(5), e0298032.

Zhou K, et al. (2024) LEUTX regulates porcine embryonic genome activation in somatic cell nuclear transfer embryos. *Cell reports*, 43(6), 114372.

Zhang Y, et al. (2024) Zinc finger protein 593 promotes breast cancer development by ensuring DNA damage repair and cell-cycle progression. *iScience*, 27(12), 111513.

Wang B, et al. (2024) Glycolysis Induced by METTL14 Is Essential for Macrophage Phagocytosis and Phenotype in Cervical Cancer. *Journal of immunology (Baltimore, Md. : 1950)*, 212(4), 723.