

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 15, 2025

Purified anti-H2A.X Phospho (Ser139)

RRID:AB_315794

Type: Antibody

Proper Citation

(BioLegend Cat# 613401, RRID:AB_315794)

Antibody Information

URL: http://antibodyregistry.org/AB_315794

Proper Citation: (BioLegend Cat# 613401, RRID:AB_315794)

Target Antigen: H2A.X Phospho Ser139

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, ICC, ICFC

Antibody Name: Purified anti-H2A.X Phospho (Ser139)

Description: This monoclonal targets H2A.X Phospho Ser139

Target Organism: Human, Mouse

Clone ID: Clone 2F3

Antibody ID: AB_315794

Vendor: BioLegend

Catalog Number: 613401

Alternative Catalog Numbers: 613402

Record Creation Time: 20231110T044952+0000

Record Last Update: 20241115T020333+0000

Ratings and Alerts

No rating or validation information has been found for Purified anti-H2A.X Phospho (Ser139).

No alerts have been found for Purified anti-H2A.X Phospho (Ser139).

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](#).

Danovski G, et al. (2024) Diffusion of activated ATM explains γ H2AX and MDC1 spread beyond the DNA damage site. *iScience*, 27(9), 110826.

Sun S, et al. (2022) Znhit1 controls meiotic initiation in male germ cells by coordinating with Stra8 to activate meiotic gene expression. *Developmental cell*, 57(7), 901.

Chomiak AA, et al. (2022) Nde1 is required for heterochromatin compaction and stability in neocortical neurons. *iScience*, 25(6), 104354.

Guo Y, et al. (2022) Histone H2A ubiquitination resulting from Brap loss of function connects multiple aging hallmarks and accelerates neurodegeneration. *iScience*, 25(7), 104519.

Denoth-Lippuner A, et al. (2021) Visualization of individual cell division history in complex tissues using iCOUNT. *Cell stem cell*, 28(11), 2020.

Sakata R, et al. (2021) Opening of cohesin's SMC ring is essential for timely DNA replication and DNA loop formation. *Cell reports*, 35(4), 108999.

Gatti M, et al. (2020) The Ubiquitin Ligase TRIP12 Limits PARP1 Trapping and Constrains PARP Inhibitor Efficiency. *Cell reports*, 32(5), 107985.

Garg J, et al. (2019) The Med31 Conserved Component of the Divergent Mediator Complex in *Tetrahymena thermophila* Participates in Developmental Regulation. *Current biology : CB*, 29(14), 2371.

Teloni F, et al. (2019) Efficient Pre-mRNA Cleavage Prevents Replication-Stress-Associated Genome Instability. *Molecular cell*, 73(4), 670.

Saxena S, et al. (2018) XRCC2 Regulates Replication Fork Progression during dNTP Alterations. *Cell reports*, 25(12), 3273.

Przetocka S, et al. (2018) CtIP-Mediated Fork Protection Synergizes with BRCA1 to Suppress Genomic Instability upon DNA Replication Stress. *Molecular cell*, 72(3), 568.

Perucca P, et al. (2018) A damaged DNA binding protein 2 mutation disrupting interaction with proliferating-cell nuclear antigen affects DNA repair and confers proliferation advantage. *Biochimica et biophysica acta. Molecular cell research*, 1865(6), 898.

Akematsu T, et al. (2017) Post-meiotic DNA double-strand breaks occur in *Tetrahymena*, and require Topoisomerase II and Spo11. *eLife*, 6.