Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

Anti-gamma H2A.X (phospho S139) antibody

RRID:AB_303388
Type: Antibody

Proper Citation

(Abcam Cat# ab2893, RRID:AB_303388)

Antibody Information

URL: http://antibodyregistry.org/AB_303388

Proper Citation: (Abcam Cat# ab2893, RRID:AB_303388)

Target Antigen: gamma H2A.X (phospho S139)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ICC/IF, WB

Antibody Name: Anti-gamma H2A.X (phospho S139) antibody

Description: This polyclonal targets gamma H2A.X (phospho S139)

Target Organism: human

Antibody ID: AB_303388

Vendor: Abcam

Catalog Number: ab2893

Record Creation Time: 20231110T045017+0000

Record Last Update: 20241115T044306+0000

Ratings and Alerts

No rating or validation information has been found for Anti-gamma H2A.X (phospho S139) antibody.

No alerts have been found for Anti-gamma H2A.X (phospho S139) antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Martins F, et al. (2024) A Cluster of Evolutionarily Recent KRAB Zinc Finger Proteins Protects Cancer Cells from Replicative Stress-Induced Inflammation. Cancer research, 84(6), 808.

Muñoz S, et al. (2024) SIN3A histone deacetylase action counteracts MUS81 to promote stalled fork stability. Cell reports, 43(2), 113778.

Ko EK, et al. (2024) Disruption of H3K36 methylation provokes cellular plasticity to drive aberrant glandular formation and squamous carcinogenesis. Developmental cell, 59(2), 187.

Gaballa A, et al. (2024) PAF1c links S-phase progression to immune evasion and MYC function in pancreatic carcinoma. Nature communications, 15(1), 1446.

Tew BY, et al. (2023) ATM-Inhibitor AZD1390 Is a Radiosensitizer for Breast Cancer CNS Metastasis. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(21), 4492.

Lee HG, et al. (2023) Site-specific R-loops induce CGG repeat contraction and fragile X gene reactivation. Cell, 186(12), 2593.

Yang JH, et al. (2023) Loss of epigenetic information as a cause of mammalian aging. Cell, 186(2), 305.

Wu Y, et al. (2023) Caveolae sense oxidative stress through membrane lipid peroxidation and cytosolic release of CAVIN1 to regulate NRF2. Developmental cell, 58(5), 376.

Groslambert J, et al. (2023) The interplay of TARG1 and PARG protects against genomic instability. Cell reports, 42(9), 113113.

Benitez A, et al. (2023) GEN1 promotes common fragile site expression. Cell reports, 42(2), 112062.

Malla AB, et al. (2023) DOT1L bridges transcription and heterochromatin formation at mammalian pericentromeres. EMBO reports, 24(8), e56492.

Delint-Ramirez I, et al. (2022) Calcineurin dephosphorylates topoisomerase II? and regulates the formation of neuronal-activity-induced DNA breaks. Molecular cell, 82(20), 3794.

Amatullah H, et al. (2022) Epigenetic reader SP140 loss of function drives Crohn's disease due to uncontrolled macrophage topoisomerases. Cell, 185(17), 3232.

Orlando L, et al. (2021) Phosphorylation state of the histone variant H2A.X controls human stem and progenitor cell fate decisions. Cell reports, 34(10), 108818.

Narain A, et al. (2021) Targeted protein degradation reveals a direct role of SPT6 in RNAPII elongation and termination. Molecular cell, 81(15), 3110.

McMahon KA, et al. (2021) Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. eLife, 10.

Shen JZ, et al. (2021) FBXO44 promotes DNA replication-coupled repetitive element silencing in cancer cells. Cell, 184(2), 352.

Guo H, et al. (2021) NR4A1 regulates expression of immediate early genes, suppressing replication stress in cancer. Molecular cell, 81(19), 4041.

Wang J, et al. (2021) Persistence of RNA transcription during DNA replication delays duplication of transcription start sites until G2/M. Cell reports, 34(7), 108759.

Prokhorova E, et al. (2021) Unrestrained poly-ADP-ribosylation provides insights into chromatin regulation and human disease. Molecular cell, 81(12), 2640.