Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2024

histone 2A gamma variant, phosphorylated antibody - Hawley, R.S.; Stowers Institute

RRID:AB_2618077 Type: Antibody

Proper Citation

(DSHB Cat# UNC93-5.2.1, RRID:AB_2618077)

Antibody Information

URL: http://antibodyregistry.org/AB_2618077

Proper Citation: (DSHB Cat# UNC93-5.2.1, RRID:AB_2618077)

Target Antigen: histone 2A gamma variant, phosphorylated

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): ELISA,Immunofluorescence,Western Blot; Date Deposited:

09/09/2013

Antibody Name: histone 2A gamma variant, phosphorylated antibody - Hawley, R.S.;

Stowers Institute

Description: This monoclonal targets histone 2A gamma variant, phosphorylated

Target Organism: drosophila

Defining Citation: PMID:26502056, PMID:23833215, PMID:26851213, PMID:27288507,

PMID:25345385, PMID:27131378

Antibody ID: AB_2618077

Vendor: DSHB

Catalog Number: UNC93-5.2.1

Ratings and Alerts

No rating or validation information has been found for histone 2A gamma variant, phosphorylated antibody - Hawley, R.S.; Stowers Institute.

No alerts have been found for histone 2A gamma variant, phosphorylated antibody - Hawley, R.S.; Stowers Institute.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Barrio L, et al. (2023) Chromosomal instability-induced cell invasion through caspase-driven DNA damage. Current biology: CB, 33(20), 4446.

Brand CL, et al. (2022) Cross-species incompatibility between a DNA satellite and the Drosophila Spartan homolog poisons germline genome integrity. Current biology: CB, 32(13), 2962.

Chakravarti A, et al. (2022) Drosophila p53 isoforms have overlapping and distinct functions in germline genome integrity and oocyte quality control. eLife, 11.

Wang XF, et al. (2021) Polyploid mitosis and depolyploidization promote chromosomal instability and tumor progression in a Notch-induced tumor model. Developmental cell, 56(13), 1976.

Napoletano F, et al. (2021) The prolyl-isomerase PIN1 is essential for nuclear Lamin-B structure and function and protects heterochromatin under mechanical stress. Cell reports, 36(11), 109694.

Joy J, et al. (2021) Proteostasis failure and mitochondrial dysfunction leads to aneuploidy-induced senescence. Developmental cell, 56(14), 2043.

Vaccaro A, et al. (2020) Sleep Loss Can Cause Death through Accumulation of Reactive Oxygen Species in the Gut. Cell, 181(6), 1307.

Wei Y, et al. (2019) The GATOR complex regulates an essential response to meiotic double-stranded breaks in Drosophila. eLife, 8.

Wang L, et al. (2018) Hijacking Oogenesis Enables Massive Propagation of LINE and Retroviral Transposons. Cell, 174(5), 1082.

Li Y, et al. (2017) H2Av facilitates H3S10 phosphorylation but is not required for heat shock-induced chromatin decondensation or transcriptional elongation. Development (Cambridge, England), 144(18), 3232.

Colmenares SU, et al. (2017) Drosophila Histone Demethylase KDM4A Has Enzymatic and Non-enzymatic Roles in Controlling Heterochromatin Integrity. Developmental cell, 42(2), 156.

Li Y, et al. (2016) Methylation of histone H4 lysine 20 by PR-Set7 ensures the integrity of late replicating sequence domains in Drosophila. Nucleic acids research, 44(15), 7204.

Tran M, et al. (2016) Early development of Drosophila embryos requires Smc5/6 function during oogenesis. Biology open, 5(7), 928.

Börner K, et al. (2016) A role for tuned levels of nucleosome remodeler subunit ACF1 during Drosophila oogenesis. Developmental biology, 411(2), 217.

Sengupta S, et al. (2016) Digitor/dASCIZ Has Multiple Roles in Drosophila Development. PloS one, 11(11), e0166829.

Ryu T, et al. (2015) Heterochromatic breaks move to the nuclear periphery to continue recombinational repair. Nature cell biology, 17(11), 1401.

Nakamura M, et al. (2014) Mitochondrial defects trigger proliferation of neighbouring cells via a senescence-associated secretory phenotype in Drosophila. Nature communications, 5, 5264.

Lake CM, et al. (2013) The development of a monoclonal antibody recognizing the Drosophila melanogaster phosphorylated histone H2A variant (?-H2AV). G3 (Bethesda, Md.), 3(9), 1539.