

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Anti-phospho-Histone H3 (pSer10) antibody produced in rabbit

RRID:AB_477043

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# H0412, RRID:AB_477043

Antibody Information

URL: http://antibodyregistry.org/AB_477043

Proper Citation: Sigma-Aldrich Cat# H0412, RRID:AB_477043

Target Antigen: phospho-Histone H3 (pSer10) antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: indirect immunofluorescence: 1:500; Other; Western Blot; Immunofluorescence

Antibody Name: Anti-phospho-Histone H3 (pSer10) antibody produced in rabbit

Description: This polyclonal targets phospho-Histone H3 (pSer10) antibody produced in rabbit

Target Organism: chicken, rat, drosophilaarthropod, xenopusamphibian, mouse, chickenbird, frog, drosophila, bovine, human

Defining Citation: [PMID:22791192](https://pubmed.ncbi.nlm.nih.gov/22791192/)

Antibody ID: AB_477043

Vendor: Sigma-Aldrich

Catalog Number: H0412

Record Creation Time: 20250820T013059+0000

Record Last Update: 20250820T110816+0000

Ratings and Alerts

No rating or validation information has been found for Anti-phospho-Histone H3 (pSer10) antibody produced in rabbit.

No alerts have been found for Anti-phospho-Histone H3 (pSer10) antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Nagy P, et al. (2025) Infectious bacteria, but not the microbiota, induce a NOX-ATM-cytokine pathway that controls epithelial turnover. *Cell reports*, 44(10), 116293.

González-Llera L, et al. (2025) An In Vivo Drug Screen Reveals That Sirtuin 2 Activity Promotes Spinal Cord Neurogenesis in Developing Zebrafish. *Biomolecules*, 15(10).

Datta I, et al. (2024) Senescent cells and macrophages cooperate through a multi-kinase signaling network to promote intestinal transformation in *Drosophila*. *Developmental cell*, 59(5), 566.

Quintero M, et al. (2023) Disruptions in cell fate decisions and transformed enteroendocrine cells drive intestinal tumorigenesis in *Drosophila*. *Cell reports*, 42(11), 113370.

González-Llera L, et al. (2023) An in vivo drug screen in zebrafish reveals that cyclooxygenase 2-derived prostaglandin D2 promotes spinal cord neurogenesis. *Cell proliferation*, e13594.

Ramalingam H, et al. (2021) A methionine-Mettl3-N6-methyladenosine axis promotes polycystic kidney disease. *Cell metabolism*, 33(6), 1234.

Sawa C, et al. (2021) High concentration of extracellular nucleotides suppresses cell growth via delayed cell cycle progression in cancer and noncancer cell lines. *Heliyon*, 7(11), e08318.

Vandestadt C, et al. (2021) RNA-induced inflammation and migration of precursor neurons initiates neuronal circuit regeneration in zebrafish. *Developmental cell*, 56(16), 2364.

Jain M, et al. (2021) SRF Is Required for Maintenance of Astrocytes in Non-Reactive State in the Mammalian Brain. *eNeuro*, 8(1).

Nano M, et al. (2019) Cell-Cycle Asynchrony Generates DNA Damage at Mitotic Entry in Polyploid Cells. *Current biology : CB*, 29(22), 3937.

Sessa A, et al. (2019) SETD5 Regulates Chromatin Methylation State and Preserves Global Transcriptional Fidelity during Brain Development and Neuronal Wiring. *Neuron*, 104(2), 271.

Galagovsky D, et al. (2018) Sobremesa L-type Amino Acid Transporter Expressed in Glia Is Essential for Proper Timing of Development and Brain Growth. *Cell reports*, 24(12), 3156.

Baizabal JM, et al. (2018) The Epigenetic State of PRDM16-Regulated Enhancers in Radial Glia Controls Cortical Neuron Position. *Neuron*, 98(5), 945.

Wen JK, et al. (2017) Atg9 antagonizes TOR signaling to regulate intestinal cell growth and epithelial homeostasis in *Drosophila*. *eLife*, 6.

Thompson CK, et al. (2016) Thyroid Hormone Acts Locally to Increase Neurogenesis, Neuronal Differentiation, and Dendritic Arbor Elaboration in the Tadpole Visual System. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(40), 10356.