

Resource Summary Report

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Histone H3 Antibody (1G1)

RRID:AB_2848194

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-517576, RRID:AB_2848194

Antibody Information

URL: http://antibodyregistry.org/AB_2848194

Proper Citation: Santa Cruz Biotechnology Cat# sc-517576, RRID:AB_2848194

Target Antigen: Histone H3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IF

Antibody Name: Histone H3 Antibody (1G1)

Description: This monoclonal targets Histone H3

Target Organism: rat, mouse, human

Clone ID: 1G1

Antibody ID: AB_2848194

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-517576

Record Creation Time: 20250819T225745+0000

Record Last Update: 20250820T035145+0000

Ratings and Alerts

No rating or validation information has been found for Histone H3 Antibody (1G1).

No alerts have been found for Histone H3 Antibody (1G1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Flaherty JN, et al. (2025) The catalytic efficiency of METTL16 affects cellular processes by governing the intracellular S-adenosylmethionine setpoint. *Cell reports*, 44(7), 115966.

Chu CH, et al. (2025) Nuclear paxillin functions as a molecular switch for alternative splicing in neurons during a critical period of brain development. *The EMBO journal*.

Lindström L, et al. (2025) Targeting TUBG1 in RB1-negative tumors. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(5), e70431.

Schlemminger L, et al. (2025) The role of the lysine histone methylase KMT2D in chronic myeloid leukemia. *Frontiers in pharmacology*, 16, 1652373.

Kita A, et al. (2025) Tomatidine attenuates post-stroke cognitive impairment by reducing neuroinflammation through prevention of M1 microglial polarization via NF- κ B signaling. *Journal of pharmacological sciences*, 158(4), 294.

Likasitwatanakul P, et al. (2025) Chemical Perturbations Impacting Histone Acetylation Govern Colorectal Cancer Differentiation. *Gastroenterology*.

Bartelt LC, et al. (2024) Antibody-assisted selective isolation of Purkinje cell nuclei from mouse cerebellar tissue. *Cell reports methods*, 4(7), 100816.

Ito T, et al. (2024) AlbZIP/CREB3L4 Promotes Cell Proliferation via the SKP2-p27 Axis in Luminal Androgen Receptor Subtype Triple-Negative Breast Cancer. *Molecular cancer research : MCR*, 22(4), 373.

Garcia-Del Rio DF, et al. (2023) Employing non-targeted interactomics approach and subcellular fractionation to increase our understanding of the ghost proteome. *iScience*, 26(2), 105943.

Yin S, et al. (2023) CDK5-PRMT1-WDR24 signaling cascade promotes mTORC1 signaling and tumor growth. *Cell reports*, 42(4), 112316.

Garcia-Del Rio DF, et al. (2023) Protocol to identify human subcellular alternative protein interactions using cross-linking mass spectrometry. *STAR protocols*, 4(3), 102380.

Zhao Y, et al. (2023) Multiscale 3D genome reorganization during skeletal muscle stem cell lineage progression and aging. *Science advances*, 9(7), eabo1360.

Gómez-Redondo I, et al. (2022) Zrsr2 and functional U12-dependent spliceosome are necessary for follicular development. *iScience*, 25(2), 103860.

Granieri L, et al. (2022) Targeting the USP7/RRM2 axis drives senescence and sensitizes melanoma cells to HDAC/LSD1 inhibitors. *Cell reports*, 40(12), 111396.

Wang J, et al. (2021) Phase separation of OCT4 controls TAD reorganization to promote cell fate transitions. *Cell stem cell*, 28(10), 1868.

Suzuki H, et al. (2021) Proline-arginine poly-dipeptide encoded by the C9orf72 repeat expansion inhibits adenosine deaminase acting on RNA. *Journal of neurochemistry*, 158(3), 753.

Gao J, et al. (2021) Merkel cell polyomavirus T-antigens regulate DICER1 mRNA stability and translation through HSC70. *iScience*, 24(11), 103264.