

Resource Summary Report

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Histone H1 (AE-4)

RRID:AB_675641

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-8030, RRID:AB_675641

Antibody Information

URL: http://antibodyregistry.org/AB_675641

Proper Citation: Santa Cruz Biotechnology Cat# sc-8030, RRID:AB_675641

Target Antigen: Histone H1 (AE-4)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Flow Cytometry; Western Blot; Immunoprecipitation; Immunocytochemistry; ELISA; Immunofluorescence; Immunohistochemistry; WB, IP, IF, IHC(P), FCM, ELISA

Antibody Name: Histone H1 (AE-4)

Description: This monoclonal targets Histone H1 (AE-4)

Target Organism: feline, rat, drosophilaarthropod, hamster, xenopusamphibian, porcine, donkey, canine, goat, reptile, amoebaprotozoa, horse, mouse, chickenbird, broad species, mollusc, rabbit, plant, bovine, human, sheep, bacteriaarchaea

Antibody ID: AB_675641

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-8030

Record Creation Time: 20250820T042855+0000

Record Last Update: 20250820T190518+0000

Ratings and Alerts

No rating or validation information has been found for Histone H1 (AE-4).

No alerts have been found for Histone H1 (AE-4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang Y, et al. (2026) NuMA promotes constitutive heterochromatin compaction by stabilizing linker histone H1 on chromatin. *Cell reports*, 45(2), 116901.

Ingham A, et al. (2025) CRAMP1-dependent histone H1 biogenesis is essential for topoisomerase II inhibitor tolerance. *Molecular cell*, 85(13), 2487.

Hirsch T, et al. (2024) IRF4 impedes human CD8 T cell function and promotes cell proliferation and PD-1 expression. *Cell reports*, 43(7), 114401.

Kleene R, et al. (2023) The KDET Motif in the Intracellular Domain of the Cell Adhesion Molecule L1 Interacts with Several Nuclear, Cytoplasmic, and Mitochondrial Proteins Essential for Neuronal Functions. *International journal of molecular sciences*, 24(2).

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.

Mu J, et al. (2021) Necrostatin-1 prevents the proapoptotic protein Bcl-2/adenovirus E1B 19-kDa interacting protein 3 from integration into mitochondria. *Journal of neurochemistry*, 156(6), 929.

Chung YH, et al. (2021) The Nuclear Function of IL-33 in Desensitization to DNA Damaging Agent and Change of Glioma Nuclear Structure. *Frontiers in cellular neuroscience*, 15, 713336.

Hagihara H, et al. (2021) Protein lactylation induced by neural excitation. *Cell reports*, 37(2), 109820.

Rajagopalan A, et al. (2021) SeqStain is an efficient method for multiplexed, spatialomic profiling of human and murine tissues. *Cell reports methods*, 1(2).

de Reuver R, et al. (2021) ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. *Cell reports*, 36(6), 109500.

He Y, et al. (2021) T-cell receptor (TCR) signaling promotes the assembly of RanBP2/RanGAP1-SUMO1/Ubc9 nuclear pore subcomplex via PKC- ζ -mediated phosphorylation of RanGAP1. *eLife*, 10.

Zhang K, et al. (2019) Phosphorylation of Forkhead Protein FoxO1 at S253 Regulates Glucose Homeostasis in Mice. *Endocrinology*, 160(5), 1333.

Receno CN, et al. (2019) Effects of Prolonged Dietary Curcumin Exposure on Skeletal Muscle Biochemical and Functional Responses of Aged Male Rats. *International journal of molecular sciences*, 20(5).

Krishnan S, et al. (2017) Phospho-H1 Decorates the Inter-chromatid Axis and Is Evicted along with Shugoshin by SET during Mitosis. *Molecular cell*, 67(4), 579.