

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

PCAF (C14G9) Rabbit mAb

RRID:AB_2128409

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3378, RRID:AB_2128409

Antibody Information

URL: http://antibodyregistry.org/AB_2128409

Proper Citation: Cell Signaling Technology Cat# 3378, RRID:AB_2128409

Target Antigen: KAT2B

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, ChIP, ChIP-seq

Antibody Name: PCAF (C14G9) Rabbit mAb

Description: This monoclonal targets KAT2B

Target Organism: cow, mouse, human

Antibody ID: AB_2128409

Vendor: Cell Signaling Technology

Catalog Number: 3378

Record Creation Time: 20250819T231755+0000

Record Last Update: 20250820T045418+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB000BDZ - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000BDZ>

No alerts have been found for PCAF (C14G9) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Fu X, et al. (2025) A cancer-specific antigen drives histone acetylation by stabilizing the acetyltransferases. Cell reports, 44(10), 116408.

Lu YF, et al. (2025) WDFY2 promotes MRN complex formation required for homologous recombination-mediated DNA repair. Cell reports, 44(11), 116520.

Hu W, et al. (2025) High fructose promotes MYCN-amplified neuroblastoma progression through NgBR-ACSS2-mediated biosynthesis of acetyl-CoA. Cell reports, 44(7), 115947.

Zhang R, et al. (2024) Protocol for mass spectrometric profiling of lysine malonylation by lysine acetyltransferase in CRISPRi K562 cell lines. STAR protocols, 5(2), 103074.

Teresa BG, et al. (2024) Reversion from basal histone H4 hypoacetylation at the replication fork increases DNA damage in FANCA deficient cells. PloS one, 19(5), e0298032.

Zhang Y, et al. (2024) Macrophage MCT4 inhibition activates reparative genes and protects from atherosclerosis by histone H3 lysine 18 lactylation. Cell reports, 43(5), 114180.

Jiao D, et al. (2023) Lipid accumulation-mediated histone hypoacetylation drives persistent NK cell dysfunction in anti-tumor immunity. Cell reports, 42(10), 113211.

Han Y, et al. (2023) IL-1 β -associated NNT acetylation orchestrates iron-sulfur cluster maintenance and cancer immunotherapy resistance. Molecular cell, 83(11), 1887.

George J, et al. (2022) Cancer stem cells, not bulk tumor cells, determine mechanisms of resistance to SMO inhibitors. Cancer research communications, 2(6), 402.

Nin DS, et al. (2021) GAGE mediates radio resistance in cervical cancers via the regulation of chromatin accessibility. Cell reports, 36(9), 109621.

Shimizu K, et al. (2021) Interplay between protein acetylation and ubiquitination controls MCL1 protein stability. Cell reports, 37(6), 109988.

Kim JJ, et al. (2020) PCAF-Mediated Histone Acetylation Promotes Replication Fork Degradation by MRE11 and EXO1 in BRCA-Deficient Cells. Molecular cell, 80(2), 327.

Huang J, et al. (2020) Tandem Deubiquitination and Acetylation of SPRTN Promotes DNA-Protein Crosslink Repair and Protects against Aging. *Molecular cell*, 79(5), 824.

Cheng X, et al. (2019) Pacer Is a Mediator of mTORC1 and GSK3-TIP60 Signaling in Regulation of Autophagosome Maturation and Lipid Metabolism. *Molecular cell*, 73(4), 788.

Gruber JJ, et al. (2019) HAT1 Coordinates Histone Production and Acetylation via H4 Promoter Binding. *Molecular cell*, 75(4), 711.

Wei Z, et al. (2018) Vitamin D Switches BAF Complexes to Protect ? Cells. *Cell*, 173(5), 1135.