

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

acetyl Lysine antibody - ChIP Grade

RRID:AB_446436

Type: Antibody

Proper Citation

Abcam Cat# ab21623, RRID:AB_446436

Antibody Information

URL: http://antibodyregistry.org/AB_446436

Proper Citation: Abcam Cat# ab21623, RRID:AB_446436

Target Antigen: acetyl Lysine antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunoprecipitation; ChIP; ELISA; Western Blot; ChIP, ELISA, ICC/IF, IP, WB

Antibody Name: acetyl Lysine antibody - ChIP Grade

Description: This polyclonal targets acetyl Lysine antibody - ChIP Grade

Antibody ID: AB_446436

Vendor: Abcam

Catalog Number: ab21623

Record Creation Time: 20231110T081017+0000

Record Last Update: 20260831T232006+0000

Ratings and Alerts

No rating or validation information has been found for acetyl Lysine antibody - ChIP Grade.

No alerts have been found for acetyl Lysine antibody - ChIP Grade.

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 [NIF](#).

Yang S, et al. (2025) Colchicine inhibits vascular calcification by suppressing inflammasome activation through the enhancement of the Sirt2-PP2Ac signaling pathway. *The Journal of biological chemistry*, 301(7), 110381.

Wang H, et al. (2025) MYO1F positions cGAS on the plasma membrane to ensure full and functional signaling. *Molecular cell*, 85(1), 150.

Yang G, et al. (2025) TRIM65 as a key regulator of ferroptosis and glycolysis in lactate-driven renal tubular injury and diabetic kidney disease. *Cell reports*, 44(8), 116091.

Yang G, et al. (2024) Nuclear translocation of SIRT4 mediates deacetylation of U2AF2 to modulate renal fibrosis through alternative splicing-mediated upregulation of CCN2. *eLife*, 13.

Jiang Y, et al. (2024) Nicotinamide metabolism face-off between macrophages and fibroblasts manipulates the microenvironment in gastric cancer. *Cell metabolism*, 36(8), 1806.

Xu D, et al. (2023) Acetylation halts missense mutant p53 aggregation and rescues tumor suppression in non-small cell lung cancers. *iScience*, 26(7), 107003.

Liu LW, et al. (2023) Gut microbiota-derived nicotinamide mononucleotide alleviates acute pancreatitis by activating pancreatic SIRT3 signalling. *British journal of pharmacology*, 180(5), 647.

Yi Y, et al. (2023) Fatty acid synthesis and oxidation regulate human endoderm differentiation by mediating SMAD3 nuclear localization via acetylation. *Developmental cell*, 58(18), 1670.

Zhou N, et al. (2022) Deubiquitinase OTUD3 regulates metabolism homeostasis in response to nutritional stresses. *Cell metabolism*, 34(7), 1023.

Zhang J, et al. (2022) Adiponectin ameliorates hypertrophic scar by inhibiting Yes-associated protein transcription through SIRT1-mediated deacetylation of C/EBP β and histone H3. *iScience*, 25(10), 105236.

Park S, et al. (2022) Transcription factors TEAD2 and E2A globally repress acetyl-CoA synthesis to promote tumorigenesis. *Molecular cell*, 82(22), 4246.

Sun R, et al. (2020) Sirtuin 3-mediated deacetylation of acyl-CoA synthetase family member 3 by protocatechuic acid attenuates non-alcoholic fatty liver disease. *British*

journal of pharmacology, 177(18), 4166.

Okuyama T, et al. (2020) Linagliptin Ameliorates Hepatic Steatosis via Non-Canonical Mechanisms in Mice Treated with a Dual Inhibitor of Insulin Receptor and IGF-1 Receptor. International journal of molecular sciences, 21(21).

Chi Z, et al. (2020) Histone Deacetylase 3 Couples Mitochondria to Drive IL-1 β -Dependent Inflammation by Configuring Fatty Acid Oxidation. Molecular cell, 80(1), 43.

Hahm JY, et al. (2020) Acetylation of UHRF1 Regulates Hemi-methylated DNA Binding and Maintenance of Genome-wide DNA Methylation. Cell reports, 32(4), 107958.

Zhao Q, et al. (2019) HDAC3 inhibition prevents oxygen glucose deprivation/reoxygenation-induced transendothelial permeability by elevating PPAR γ activity in vitro. Journal of neurochemistry, 149(2), 298.

Bartlett E, et al. (2018) Interplay of Histone Marks with Serine ADP-Ribosylation. Cell reports, 24(13), 3488.

Sun J, et al. (2018) SIRT1 Activation Disrupts Maintenance of Myelodysplastic Syndrome Stem and Progenitor Cells by Restoring TET2 Function. Cell stem cell, 23(3), 355.