

Resource Summary Report

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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: 20241017T003831+0000

Record Last Update: 20241017T022934+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 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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

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.