

Resource Summary Report

Generated by NIF on Jul 29, 2026

KDM1 / LSD1 antibody - ChIP Grade

RRID:AB_443964

Type: Antibody

Proper Citation

Abcam Cat# ab17721, RRID:AB_443964

Antibody Information

URL: http://antibodyregistry.org/AB_443964

Proper Citation: Abcam Cat# ab17721, RRID:AB_443964

Target Antigen: KDM1 / LSD1 antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Immunohistochemistry; Immunohistochemistry - fixed; Western Blot; ChIP; Immunocytochemistry; Immunoprecipitation; ChIP, ICC/IF, IHC-P, IP, WB

Antibody Name: KDM1 / LSD1 antibody - ChIP Grade

Description: This polyclonal targets KDM1 / LSD1 antibody - ChIP Grade

Target Organism: porcine, pig, mouse, human

Antibody ID: AB_443964

Vendor: Abcam

Catalog Number: ab17721

Record Creation Time: 20250820T062247+0000

Record Last Update: 20250820T235745+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: GR101089 is available under ENCODE ID: ENCAB168LAD - ENCODE <https://www.encodeproject.org/antibodies/ENCAB168LAD>

No alerts have been found for KDM1 / LSD1 antibody - ChIP Grade.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Porter RS, et al. (2025) Coordinated neuron-specific splicing events restrict nucleosome engagement of the LSD1 histone demethylase complex. *Cell reports*, 44(1), 115213.

Martín-González AM, et al. (2025) Cooperative control of neuron-specific repressive chromatin states by intellectual-disability-linked KDM1A and KDM5C demethylases. *Cell reports*, 44(9), 116201.

Tayari MM, et al. (2025) Balancing Activation and Repression: CoREST-p300 Antagonism Controls Retinoic Acid-Driven Differentiation in AML. *bioRxiv : the preprint server for biology*.

Ginley-Hidinger M, et al. (2024) Cis-regulatory control of transcriptional timing and noise in response to estrogen. *Cell genomics*, 4(5), 100542.

Harris RJ, et al. (2023) Release of Histone H3K4-reading transcription factors from chromosomes in mitosis is independent of adjacent H3 phosphorylation. *Nature communications*, 14(1), 7243.

Jones JA, et al. (2023) Nuclear translocation of an aminoacyl-tRNA synthetase may mediate a chronic "integrated stress response". *Cell reports*, 42(6), 112632.

Tang F, et al. (2023) E3 ligase Trim35 inhibits LSD1 demethylase activity through K63-linked ubiquitination and enhances anti-tumor immunity in NSCLC. *Cell reports*, 42(12), 113477.

Luo Q, et al. (2023) Covalent Peptide LSD1 Inhibitor Specifically Recognizes Cys360 in the Enzyme-Active Region. *Journal of medicinal chemistry*, 66(22), 15409.

Zhang G, et al. (2023) CPT1A induction following epigenetic perturbation promotes MAVS palmitoylation and activation to potentiate antitumor immunity. *Molecular cell*, 83(23), 4370.

Astro V, et al. (2022) Fine-tuned KDM1A alternative splicing regulates human cardiomyogenesis through an enzymatic-independent mechanism. *iScience*, 25(7), 104665.

Gerosa L, et al. (2022) The epilepsy-associated protein PCDH19 undergoes NMDA receptor-dependent proteolytic cleavage and regulates the expression of immediate-early genes. *Cell reports*, 39(8), 110857.

Yang J, et al. (2021) TRPS1 drives heterochromatic origin refiring and cancer genome evolution. *Cell reports*, 34(10), 108814.

Stengel KR, et al. (2021) Definition of a small core transcriptional circuit regulated by AML1-ETO. *Molecular cell*, 81(3), 530.

Orellana EA, et al. (2021) METTL1-mediated m7G modification of Arg-TCT tRNA drives oncogenic transformation. *Molecular cell*, 81(16), 3323.

Johnston G, et al. (2020) Nascent transcript and single-cell RNA-seq analysis defines the mechanism of action of the LSD1 inhibitor INCB059872 in myeloid leukemia. *Gene*, 752, 144758.

Mukai J, et al. (2019) Recapitulation and Reversal of Schizophrenia-Related Phenotypes in Setd1a-Deficient Mice. *Neuron*, 104(3), 471.

Clark EA, et al. (2019) GR and LSD1/KDM1A-Targeted Gene Activation Requires Selective H3K4me2 Demethylation at Enhancers. *Cell reports*, 27(12), 3522.

Kyzar EJ, et al. (2019) MicroRNA-137 Drives Epigenetic Reprogramming in the Adult Amygdala and Behavioral Changes after Adolescent Alcohol Exposure. *eNeuro*, 6(6).

Egolf S, et al. (2019) LSD1 Inhibition Promotes Epithelial Differentiation through Derepression of Fate-Determining Transcription Factors. *Cell reports*, 28(8), 1981.

Anastas JN, et al. (2019) Re-programing Chromatin with a Bifunctional LSD1/HDAC Inhibitor Induces Therapeutic Differentiation in DIPG. *Cancer cell*, 36(5), 528.