Resource Summary Report

Generated by NIF on Jul 29, 2026

KDM1A-human

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: KDM1A

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation for lot# GR101089 is available under ENCODE ID: ENCAB168LAD

Antibody Name: KDM1A-human

Description: This polyclonal targets KDM1A

Target Organism: homo sapiens

Antibody ID: AB_443964

Vendor: Abcam

Catalog Number: ab17721

Record Creation Time: 20250819T224030+0000

Record Last Update: 20250820T025640+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 KDM1A-human.

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.

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.

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

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.

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

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

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