

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

Anti-Lamin B1 antibody - Nuclear Envelope Marker

RRID:AB_443298

Type: Antibody

Proper Citation

Abcam Cat# ab16048, RRID:AB_443298

Antibody Information

URL: http://antibodyregistry.org/AB_443298

Proper Citation: Abcam Cat# ab16048, RRID:AB_443298

Target Antigen: LMNB1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ICC, WB, IHC-P
Consolidation on 3/2022: AB_443298, AB_10107828.

Antibody Name: Anti-Lamin B1 antibody - Nuclear Envelope Marker

Description: This polyclonal targets LMNB1

Target Organism: rat, mouse, human

Defining Citation: [PMID:25119036](#)

Antibody ID: AB_443298

Vendor: Abcam

Catalog Number: ab16048

Record Creation Time: 20231110T081007+0000

Record Last Update: 20260829T030548+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Lamin B1 antibody - Nuclear Envelope Marker.

No alerts have been found for Anti-Lamin B1 antibody - Nuclear Envelope Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 193 mentions in open access literature.

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

Rava A, et al. (2026) Hippocampal glial alterations are associated with Lamin B1 dysregulation and abnormal nuclear morphology in a rat model of fragile X syndrome. *Neurobiology of disease*, 220, 107304.

Xu H, et al. (2026) Panx1 deficiency exacerbates GAN diet-induced obesity by destabilizing β -catenin via GSK3 β . *iScience*, 29(4), 115098.

Behera AK, et al. (2026) RNA-coupled CRISPR screens reveal ZNF207 as a regulator of LMNA aberrant splicing in progeria. *Molecular cell*, 86(1), 41.

Saurat N, et al. (2026) Genome-wide CRISPR screen identifies neddylation as a regulator of neuronal aging and AD neurodegeneration. *Cell stem cell*, 33(2), 355.

Le BV, et al. (2026) Pol θ activity modulates sensitivity to standard therapies in DNMT3A-deficient leukemia. *Cell reports. Medicine*, 7(3), 102687.

Chen Y, et al. (2026) ER-tethering directs TREX1 penetration of a BAF-dependent barrier at micronuclei. *Molecular cell*, 86(6), 1099.

Agius SC, et al. (2026) Accessory subunits of PRC2 mimic H3K27me3 to restrict the spread of Polycomb domains. *Molecular cell*, 86(6), 1032.

Merino F, et al. (2026) Nuclear proteome reveals microtubule-associated protein regulating fate and disease. *Cell*.

Karnay A, et al. (2026) Transcription and cohesin direct domain boundary spatial positioning and are linked to Friedreich's ataxia. *Molecular cell*, 86(10), 1911.

Kafkia E, et al. (2026) TCA cycle rewiring underpins histone acetylation sourcing and cell-fate transitions during exit from naive pluripotency. *Cell stem cell*, 33(5), 820.

Małszycki M, et al. (2026) Nuclear speckles enable processing of RNA from GC-rich isochores. *Cell*, 189(7), 2024.

Kochanova NY, et al. (2026) A time-resolved atlas of histone modifications during mitotic entry. *Molecular cell*, 86(9), 1653.

Govindarajan M, et al. (2026) Pan-cancer N-glycoproteomic atlas of patient-derived xenografts uncovers FAT2 as an actionable surface target. *Cell reports. Medicine*, 7(2), 102578.

Liu L, et al. (2026) Vitamin C inhibits ACSL4 to alleviate ferro-aging in primates. *Cell metabolism*, 38(4), 673.

Triana-Martinez F, et al. (2026) p16^{High} immune cells control disease tolerance as a defense and health span-extending strategy. *Immunity*, 59(6), 1633.

Kim W, et al. (2026) Phospho-JNK agonists show promising effects for the treatment of hepatocellular carcinoma. *iScience*, 29(6), 116005.

Zhang H, et al. (2025) Protocols for the application of human embryonic stem cell-derived neurons for aging modeling and gene manipulation. *STAR protocols*, 6(1), 103633.

Sakuma S, et al. (2025) Homeostatic regulation of nucleoporins is a central driver of nuclear pore biogenesis. *Cell reports*, 44(4), 115468.

He J, et al. (2025) ZBP1 senses spliceosome stress through Z-RNA:DNA hybrid recognition. *Molecular cell*, 85(9), 1790.

Guo Y, et al. (2025) Mechanical Loading Induces NRF2 Nuclear Translocation to Epigenetically Remodel Oxidative Stress Defense in Osteocytes. *Antioxidants (Basel, Switzerland)*, 14(3).