

# Resource Summary Report

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## Lamin B (M-20)

RRID:AB\_648158

Type: Antibody

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### Proper Citation

(Santa Cruz Biotechnology Cat# sc-6217, RRID:AB\_648158)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_648158](http://antibodyregistry.org/AB_648158)

**Proper Citation:** (Santa Cruz Biotechnology Cat# sc-6217, RRID:AB\_648158)

**Target Antigen:** LMNB1

**Host Organism:** goat

**Clonality:** polyclonal

**Comments:** Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Other; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry, ELISA

**Antibody Name:** Lamin B (M-20)

**Description:** This polyclonal targets LMNB1

**Target Organism:** rat, mouse, human

**Clone ID:** M-20

**Antibody ID:** AB\_648158

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-6217

**Record Creation Time:** 20231110T043645+0000

**Record Last Update:** 20241115T004711+0000

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## Ratings and Alerts

No rating or validation information has been found for Lamin B (M-20).

**Warning:** Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Other; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry, ELISA

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Li Y, et al. (2024) BMP suppresses Wnt signaling via the Bcl11b-regulated NuRD complex to maintain intestinal stem cells. *The EMBO journal*, 43(23), 6032.

Fujiwara K, et al. (2023) The crucial role of single-stranded DNA binding in enhancing sensitivity to DNA-damaging agents for Schlafen 11 and Schlafen 13. *iScience*, 26(12), 108529.

McGoldrick P, et al. (2023) Loss of C9orf72 perturbs the Ran-GTPase gradient and nucleocytoplasmic transport, generating compositionally diverse Importin  $\beta$ -1 granules. *Cell reports*, 42(3), 112134.

Guo Y, et al. (2022) Histone H2A ubiquitination resulting from Brap loss of function connects multiple aging hallmarks and accelerates neurodegeneration. *iScience*, 25(7), 104519.

Chomiak AA, et al. (2022) Nde1 is required for heterochromatin compaction and stability in neocortical neurons. *iScience*, 25(6), 104354.

Yamamoto-Imoto H, et al. (2022) Age-associated decline of MondoA drives cellular senescence through impaired autophagy and mitochondrial homeostasis. *Cell reports*, 38(9), 110444.

Lai RH, et al. (2021) Non-genomic rewiring of vitamin D receptor to p53 as a key to

Alzheimer's disease. *Aging cell*, 20(12), e13509.

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

Bruand M, et al. (2021) Cell-autonomous inflammation of BRCA1-deficient ovarian cancers drives both tumor-intrinsic immunoreactivity and immune resistance via STING. *Cell reports*, 36(3), 109412.

Yanagida A, et al. (2021) Naive stem cell blastocyst model captures human embryo lineage segregation. *Cell stem cell*, 28(6), 1016.

Creamer KM, et al. (2021) Nascent RNA scaffolds contribute to chromosome territory architecture and counter chromatin compaction. *Molecular cell*, 81(17), 3509.

Dupont L, et al. (2021) The SMC5/6 complex compacts and silences unintegrated HIV-1 DNA and is antagonized by Vpr. *Cell host & microbe*, 29(5), 792.

Smith CL, et al. (2021) Global chromatin relabeling accompanies spatial inversion of chromatin in rod photoreceptors. *Science advances*, 7(39), eabj3035.

Zarate MA, et al. (2020) In utero inflammatory challenge induces an early activation of the hepatic innate immune response in late gestation fetal sheep. *Innate immunity*, 26(7), 549.

Bortnick A, et al. (2020) Plasma Cell Fate Is Orchestrated by Elaborate Changes in Genome Compartmentalization and Inter-chromosomal Hubs. *Cell reports*, 31(1), 107470.

Chen L, et al. (2020) Loss of Human TGS1 Hypermethylase Promotes Increased Telomerase RNA and Telomere Elongation. *Cell reports*, 30(5), 1358.

Jin J, et al. (2020) CD137 Signaling Regulates Acute Colitis via RALDH2-Expressing CD11b-CD103+ DCs. *Cell reports*, 30(12), 4124.

Tamburri S, et al. (2020) Histone H2AK119 Mono-Ubiquitination Is Essential for Polycomb-Mediated Transcriptional Repression. *Molecular cell*, 77(4), 840.

Kido K, et al. (2020) AirID, a novel proximity biotinylation enzyme, for analysis of protein-protein interactions. *eLife*, 9.

Zhang H, et al. (2020) DEAD-Box Helicase 18 Counteracts PRC2 to Safeguard Ribosomal DNA in Pluripotency Regulation. *Cell reports*, 30(1), 81.