

Resource Summary Report

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Laminin 2 alpha antibody [4H8-2]

RRID:AB_298180

Type: Antibody

Proper Citation

(Abcam Cat# ab11576, RRID:AB_298180)

Antibody Information

URL: http://antibodyregistry.org/AB_298180

Proper Citation: (Abcam Cat# ab11576, RRID:AB_298180)

Target Antigen: Laminin 2 alpha antibody [4H8-2]

Host Organism: rat

Clonality: monoclonal

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

Antibody Name: Laminin 2 alpha antibody [4H8-2]

Description: This monoclonal targets Laminin 2 alpha antibody [4H8-2]

Target Organism: mouse, human

Antibody ID: AB_298180

Vendor: Abcam

Catalog Number: ab11576

Record Creation Time: 20231110T081505+0000

Record Last Update: 20241115T062420+0000

Ratings and Alerts

No rating or validation information has been found for Laminin 2 alpha antibody [4H8-2].

No alerts have been found for Laminin 2 alpha antibody [4H8-2].

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](#).

Karreman MA, et al. (2023) Active Remodeling of Capillary Endothelium via Cancer Cell-Derived MMP9 Promotes Metastatic Brain Colonization. *Cancer research*, 83(8), 1299.

Liu L, et al. (2023) Exercise reprograms the inflammatory landscape of multiple stem cell compartments during mammalian aging. *Cell stem cell*, 30(5), 689.

Benjamin DI, et al. (2023) Multiomics reveals glutathione metabolism as a driver of bimodality during stem cell aging. *Cell metabolism*, 35(3), 472.

Zeng W, et al. (2023) Restoration of CPEB4 prevents muscle stem cell senescence during aging. *Developmental cell*, 58(15), 1383.

Benjamin DI, et al. (2022) Fasting induces a highly resilient deep quiescent state in muscle stem cells via ketone body signaling. *Cell metabolism*, 34(6), 902.

Biswas S, et al. (2022) Mural Wnt/ β -catenin signaling regulates Lama2 expression to promote neurovascular unit maturation. *Development (Cambridge, England)*, 149(17).

Wosczyzna MN, et al. (2021) Targeting microRNA-mediated gene repression limits adipogenic conversion of skeletal muscle mesenchymal stromal cells. *Cell stem cell*, 28(7), 1323.

Yue L, et al. (2020) Dek Modulates Global Intron Retention during Muscle Stem Cells Quiescence Exit. *Developmental cell*, 53(6), 661.

Wosczyzna MN, et al. (2019) Mesenchymal Stromal Cells Are Required for Regeneration and Homeostatic Maintenance of Skeletal Muscle. *Cell reports*, 27(7), 2029.

Lam YT, et al. (2019) Androgens Ameliorate Impaired Ischemia-Induced Neovascularization Due to Aging in Male Mice. *Endocrinology*, 160(5), 1137.

McLeod VM, et al. (2019) Androgen receptor antagonism accelerates disease onset in the SOD1G93A mouse model of amyotrophic lateral sclerosis. *British journal of pharmacology*, 176(13), 2111.

Benz F, et al. (2019) Low wnt/ β -catenin signaling determines leaky vessels in the subfornical organ and affects water homeostasis in mice. *eLife*, 8.

Feng X, et al. (2019) Dual function of VGLL4 in muscle regeneration. *The EMBO journal*, 38(17), e101051.

Liu L, et al. (2018) Impaired Notch Signaling Leads to a Decrease in p53 Activity and Mitotic Catastrophe in Aged Muscle Stem Cells. *Cell stem cell*, 23(4), 544.

Mead AF, et al. (2017) Fundamental constraints in synchronous muscle limit superfast motor control in vertebrates. *eLife*, 6.