Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

CRALBP antibody [B2]

RRID:AB_2269474
Type: Antibody

Proper Citation

(Abcam Cat# ab15051, RRID:AB_2269474)

Antibody Information

URL: http://antibodyregistry.org/AB_2269474

Proper Citation: (Abcam Cat# ab15051, RRID:AB_2269474)

Target Antigen: Rlbp1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot

Antibody Name: CRALBP antibody [B2]

Description: This monoclonal targets Rlbp1

Target Organism: cow, mouse, human

Clone ID: B2

Defining Citation: PMID:18975268

Antibody ID: AB_2269474

Vendor: Abcam

Catalog Number: ab15051

Record Creation Time: 20241016T222133+0000

Record Last Update: 20241016T224350+0000

Ratings and Alerts

No rating or validation information has been found for CRALBP antibody [B2].

No alerts have been found for CRALBP antibody [B2].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Carapia AK, et al. (2023) Müller Glia to Müller Glia Extracellular Vesicle-Dependent Signaling Induces Multipotency Genes Nestin and lin28 Expression in Response to N-methyl-D-aspartate (NMDA) Exposure. ASN neuro, 15, 17590914231183272.

Guo C, et al. (2023) HIF-1? accumulation in response to transient hypoglycemia may worsen diabetic eye disease. Cell reports, 42(1), 111976.

Thomas ED, et al. (2022) Cell-specific cis-regulatory elements and mechanisms of non-coding genetic disease in human retina and retinal organoids. Developmental cell, 57(6), 820.

Bonilla-Pons SÀ, et al. (2022) Müller glia fused with adult stem cells undergo neural differentiation in human retinal models. EBioMedicine, 77, 103914.

Bartalska K, et al. (2022) A systematic characterization of microglia-like cell occurrence during retinal organoid differentiation. iScience, 25(7), 104580.

Li X, et al. (2021) The cAMP effector PKA mediates Moody GPCR signaling in Drosophila blood-brain barrier formation and maturation. eLife, 10.

Li J, et al. (2021) Human Amniotic Epithelial Stem Cell-Derived Retinal Pigment Epithelium Cells Repair Retinal Degeneration. Frontiers in cell and developmental biology, 9, 737242.

Zhao Q, et al. (2021) Distinct expression requirements and rescue strategies for BEST1 loss- and gain-of-function mutations. eLife, 10.

Sridhar A, et al. (2020) Single-Cell Transcriptomic Comparison of Human Fetal Retina, hPSC-Derived Retinal Organoids, and Long-Term Retinal Cultures. Cell reports, 30(5), 1644.

Cowan CS, et al. (2020) Cell Types of the Human Retina and Its Organoids at Single-Cell Resolution. Cell, 182(6), 1623.

Lu Y, et al. (2020) Single-Cell Analysis of Human Retina Identifies Evolutionarily Conserved and Species-Specific Mechanisms Controlling Development. Developmental cell, 53(4), 473.

Lin B, et al. (2020) Retina Organoid Transplants Develop Photoreceptors and Improve Visual Function in RCS Rats With RPE Dysfunction. Investigative ophthalmology & visual science, 61(11), 34.

Jüttner J, et al. (2019) Targeting neuronal and glial cell types with synthetic promoter AAVs in mice, non-human primates and humans. Nature neuroscience, 22(8), 1345.

Zhang T, et al. (2019) Human macular Müller cells rely more on serine biosynthesis to combat oxidative stress than those from the periphery. eLife, 8.

Achberger K, et al. (2019) Merging organoid and organ-on-a-chip technology to generate complex multi-layer tissue models in a human retina-on-a-chip platform. eLife, 8.

Zhang T, et al. (2018) Disruption of De Novo Serine Synthesis in Müller Cells Induced Mitochondrial Dysfunction and Aggravated Oxidative Damage. Molecular neurobiology, 55(8), 7025.

Hoshino A, et al. (2017) Molecular Anatomy of the Developing Human Retina. Developmental cell, 43(6), 763.

Saini JS, et al. (2017) Nicotinamide Ameliorates Disease Phenotypes in a Human iPSC Model of Age-Related Macular Degeneration. Cell stem cell, 20(5), 635.

Li Y, et al. (2017) Patient-specific mutations impair BESTROPHIN1's essential role in mediating Ca2+-dependent Cl- currents in human RPE. eLife, 6.

Lee WH, et al. (2016) Mouse Tmem135 mutation reveals a mechanism involving mitochondrial dynamics that leads to age-dependent retinal pathologies. eLife, 5.