

Resource Summary Report

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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: 20250820T011325+0000

Record Last Update: 20250820T102118+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 24 mentions in open access literature.

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

Grimes WN, et al. (2025) Layer-specific anatomical and physiological features of the retina's neurovascular unit. *Current biology* : CB, 35(1), 109.

Masri RA, et al. (2025) Immunohistochemistry and Spatial Density of Müller Cells in the Human Fovea. *Investigative ophthalmology & visual science*, 66(2), 46.

Held M, et al. (2025) Aminergic and peptidergic modulation of insulin-producing cells in *Drosophila*. *eLife*, 13.

Eldred KC, et al. (2025) Ciliary marginal zone of the developing human retina maintains retinal progenitor cells until late gestational stages. *Cell reports*, 44(4), 115460.

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 α accumulation in response to transient hypoglycemia may worsen diabetic eye disease. *Cell reports*, 42(1), 111976.

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

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.

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.