

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

Brn-3a (C-20)

RRID:AB_2167511

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-31984, RRID:AB_2167511

Antibody Information

URL: http://antibodyregistry.org/AB_2167511

Proper Citation: Santa Cruz Biotechnology Cat# sc-31984, RRID:AB_2167511

Target Antigen: Brn-3a (C-20)

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IF, ELISA; Immunofluorescence; ELISA; Western Blot

Antibody Name: Brn-3a (C-20)

Description: This polyclonal targets Brn-3a (C-20)

Target Organism: rat, porcine, mouse, human

Defining Citation: [PMID:22678972](#)

Antibody ID: AB_2167511

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-31984

Record Creation Time: 20250819T225945+0000

Record Last Update: 20250820T035748+0000

Ratings and Alerts

No rating or validation information has been found for Brn-3a (C-20).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IF, ELISA; Immunofluorescence; ELISA; Western Blot

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Gómez-Deza J, et al. (2026) ATF2 phosphorylation is a core transcriptional driver of neuron apoptosis. *Neuron*, 114(12), 2183.

Calanni JS, et al. (2025) Microglial depletion prevents visual deficits and retinal ganglion cell loss induced by early life stress in adult animals. *Scientific reports*, 15(1), 17143.

Chen Y, et al. (2024) Engrailed1 in Parvalbumin-Positive Neurons Regulates Eye-Specific Retinogeniculate Segregation and Visual Function. *Journal of neuroscience research*, 102(12), e70007.

Sánchez-Migallón MDC, et al. (2024) Minocycline Administration Does Not Have an Effect on Retinal Ganglion Cell Survival in a Murine Model of Ocular Hypertension. *Aging and disease*, 15(5), 2241.

Xu D, et al. (2023) Overexpressing NeuroD1 reprograms Müller cells into various types of retinal neurons. *Neural regeneration research*, 18(5), 1124.

Wang HN, et al. (2023) L- and T-type Ca²⁺ channels dichotomously contribute to retinal ganglion cell injury in experimental glaucoma. *Neural regeneration research*, 18(7), 1570.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. *iScience*, 26(5), 106698.

Shahin S, et al. (2023) MFN1 augmentation prevents retinal degeneration in a Charcot-Marie-Tooth type 2A mouse model. *iScience*, 26(3), 106270.

Calanni JS, et al. (2023) Early life stress induces visual dysfunction and retinal structural alterations in adult mice. *Journal of neurochemistry*, 165(3), 362.

Espitia-Arias MD, et al. (2023) Oxidative Model of Retinal Neurodegeneration Induced by Sodium Iodate: Morphofunctional Assessment of the Visual Pathway. *Antioxidants (Basel, Switzerland)*, 12(8).

Boccuni I, et al. (2023) Glutamate transporter contribution to retinal ganglion cell vulnerability in a rat model of multiple sclerosis. *Neurobiology of disease*, 187, 106306.

Danjo Y, et al. (2022) The Mlc1 Promoter Directs Müller Cell-specific Gene Expression in the Retina. *Translational vision science & technology*, 11(1), 25.

Bassal M, et al. (2021) Rapid and Progressive Loss of Multiple Retinal Cell Types in Cathepsin D-Deficient Mice-An Animal Model of CLN10 Disease. *Cells*, 10(3).

Aranda ML, et al. (2021) Chronobiotic effect of melatonin in experimental optic neuritis. *Neuropharmacology*, 182, 108401.

Dehghan S, et al. (2021) An optimized animal model of lysolecithin induced demyelination in optic nerve; more feasible, more reproducible, promising for studying the progressive forms of multiple sclerosis. *Journal of neuroscience methods*, 352, 109088.

Veys L, et al. (2021) Characterizing the Retinal Phenotype of the Thy1-h[A30P]?-syn Mouse Model of Parkinson's Disease. *Frontiers in neuroscience*, 15, 726476.

González Fleitas MF, et al. (2021) Melatonin Prevents Non-image-Forming Visual System Alterations Induced by Experimental Glaucoma in Rats. *Molecular neurobiology*, 58(8), 3653.

Jiang H, et al. (2021) Overexpression of D-amino acid oxidase prevents retinal neurovascular pathologies in diabetic rats. *Diabetologia*, 64(3), 693.

Johnson KO, et al. (2021) NMDA Receptor Expression by Retinal Ganglion Cells Is Not Required for Retinofugal Map Formation nor Eye-Specific Segregation in the Mouse. *eNeuro*, 8(4).

Gurdita A, et al. (2021) InVision: An optimized tissue clearing approach for three-dimensional imaging and analysis of intact rodent eyes. *iScience*, 24(8), 102905.