

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

Human NRL Antibody

RRID:AB_2155098

Type: Antibody

Proper Citation

R and D Systems Cat# AF2945, RRID:AB_2155098

Antibody Information

URL: http://antibodyregistry.org/AB_2155098

Proper Citation: R and D Systems Cat# AF2945, RRID:AB_2155098

Target Antigen: NRL

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot

Antibody Name: Human NRL Antibody

Description: This polyclonal targets NRL

Target Organism: Human

Antibody ID: AB_2155098

Vendor: R and D Systems

Catalog Number: AF2945

Alternative Catalog Numbers: AF2945-SP

Record Creation Time: 20250820T030300+0000

Record Last Update: 20250820T151255+0000

Ratings and Alerts

No rating or validation information has been found for Human NRL Antibody.

No alerts have been found for Human NRL Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Spirig SE, et al. (2026) Cell-type-focused compound screen in human organoids reveals CK1 inhibition protects cone photoreceptors from death. *Neuron*, 114(13), 2347.

Shayler DWH, et al. (2025) Identification and characterization of early human photoreceptor states and cell-state-specific retinoblastoma-related features. *eLife*, 13.

Le N, et al. (2025) Viral-mediated Pou5f1 (Oct4) overexpression and inhibition of Notch signaling synergistically induce neurogenic competence in mammalian Müller glia. *eLife*, 14.

Shayler DWH, et al. (2024) Identification and characterization of early human photoreceptor states and cell-state-specific retinoblastoma-related features. *bioRxiv : the preprint server for biology*.

D'Souza SP, et al. (2024) Developmental control of rod number via a light-dependent retrograde pathway from intrinsically photosensitive retinal ganglion cells. *Developmental cell*, 59(21), 2897.

Gabriel E, et al. (2023) Generation of iPSC-derived human forebrain organoids assembling bilateral eye primordia. *Nature protocols*, 18(6), 1893.

Qu Z, et al. (2023) Stage-specific dynamic reorganization of genome topology shapes transcriptional neighborhoods in developing human retinal organoids. *Cell reports*, 42(12), 113543.

Yamasaki S, et al. (2022) Addition of Chk1 inhibitor and BMP4 cooperatively promotes retinal tissue formation in self-organizing human pluripotent stem cell differentiation culture. *Regenerative therapy*, 19, 24.

Otsuka Y, et al. (2022) One-step induction of photoreceptor-like cells from human iPSCs by delivering transcription factors. *iScience*, 25(4), 103987.

Gabriel E, et al. (2021) Human brain organoids assemble functionally integrated bilateral optic vesicles. *Cell stem cell*, 28(10), 1740.

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.

Döpfer H, et al. (2020) Differentiation Protocol for 3D Retinal Organoids, Immunostaining and Signal Quantitation. *Current protocols in stem cell biology*, 55(1), e120.

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

Garancher A, et al. (2018) NRL and CRX Define Photoreceptor Identity and Reveal Subgroup-Specific Dependencies in Medulloblastoma. *Cancer cell*, 33(3), 435.