

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Anti-Prox 1

RRID:AB_177485

Type: Antibody

Proper Citation

Millipore Cat# AB5475, RRID:AB_177485

Antibody Information

URL: http://antibodyregistry.org/AB_177485

Proper Citation: Millipore Cat# AB5475, RRID:AB_177485

Target Antigen: Prox 1

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: Immunohistochemistry; Immunocytochemistry; IC, IH

Antibody Name: Anti-Prox 1

Description: This polyclonal targets Prox 1

Target Organism: h, m, r, zebrafishfish, zebrafish

Defining Citation: [PMID:19263476](#), [PMID:21031559](#), [PMID:17183554](#)

Antibody ID: AB_177485

Vendor: Millipore

Catalog Number: AB5475

Record Creation Time: 20231110T081624+0000

Record Last Update: 20260829T180135+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Prox 1.

No alerts have been found for Anti-Prox 1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Zhang JS, et al. (2026) Blocking apoptosis promotes survival and alters developmental dynamics of human retinal ganglion cells in retinal organoids. *Cell reports*, 45(4), 117270.

Lehtimäki JI, et al. (2026) Spatiotemporal coordination of Slit-Robo repulsion and neurturin-Gfr α attraction guides multipolar migration during retinal lamination. *Cell reports*, 45(2), 116948.

van Bruggen R, et al. (2026) Partial Deletion of Cxcl12 from Hippocampal Cajal-Retzius Cells Does Not Disrupt Dentate Gyrus Development or Neurobehaviors. *eNeuro*, 13(1).

Wang X, et al. (2026) Astrocytic glucose metabolism regulates the survival of newborn hippocampal neurons in the adult brain. *Neuron*.

Schlagheck C, et al. (2026) Extrinsic polarity cues control lamination versus cluster-based organization in vertebrate retinal development. *iScience*, 29(5), 115684.

Deska-Gauthier D, et al. (2024) Embryonic temporal-spatial delineation of excitatory spinal V3 interneuron diversity. *Cell reports*, 43(1), 113635.

Taraschenko O, et al. (2024) Memory loss and aberrant neurogenesis in mice exposed to patient anti-N-methyl-D-aspartate receptor antibodies. *Experimental neurology*, 378, 114838.

Kagoshima H, et al. (2024) EBF1 Limits the Numbers of Cochlear Hair and Supporting Cells and Forms the Scala Tympani and Spiral Limbus during Inner Ear Development. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(7).

Worthy AE, et al. (2024) Spinal V1 inhibitory interneuron clades differ in birthdate, projections to motoneurons, and heterogeneity. *eLife*, 13.

Herrero-Labrador R, et al. (2023) Brain IGF-I regulates LTP, spatial memory, and sexual dimorphic behavior. *Life science alliance*, 6(10).

Travisano SI, et al. (2023) Single-nuclei multiomic analyses identify human cardiac lymphatic endothelial cells associated with coronary arteries in the epicardium. *Cell reports*, 42(9), 113106.

Iskusnykh IY, et al. (2023) Lmx1a is a master regulator of the cortical hem. *eLife*, 12.

Rowe AA, et al. (2022) Long-term progression of retinal degeneration in a preclinical model of CLN7 Batten disease as a baseline for testing clinical therapeutics. *EBioMedicine*, 85, 104314.

Fong BC, et al. (2022) The Rb/E2F axis is a key regulator of the molecular signatures instructing the quiescent and activated adult neural stem cell state. *Cell reports*, 41(5), 111578.

Zilova L, et al. (2021) Fish primary embryonic pluripotent cells assemble into retinal tissue mirroring in vivo early eye development. *eLife*, 10.

Kenney JW, et al. (2021) A 3D adult zebrafish brain atlas (AZBA) for the digital age. *eLife*, 10.

Truong ME, et al. (2021) Vertebrate cells differentially interpret ciliary and extraciliary cAMP. *Cell*, 184(11), 2911.

Chen J, et al. (2021) Acute brain vascular regeneration occurs via lymphatic transdifferentiation. *Developmental cell*, 56(22), 3115.

Xu W, et al. (2020) Early Ethanol Exposure Inhibits the Differentiation of Hippocampal Dentate Gyrus Granule Cells in a Mouse Model of Fetal Alcohol Spectrum Disorders. *Alcoholism, clinical and experimental research*, 44(5), 1112.

Bowers M, et al. (2020) FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. *Cell stem cell*, 27(1), 98.