

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

Nestin (intermediate filament protein) antibody - Hockfield, S.; Yale University School of Medicine

RRID:AB_2235915

Type: Antibody

Proper Citation

DSHB Cat# Rat-401, RRID:AB_2235915

Antibody Information

URL: http://antibodyregistry.org/AB_2235915

Proper Citation: DSHB Cat# Rat-401, RRID:AB_2235915

Target Antigen: Nestin (intermediate filament protein)

Host Organism: mouse

Clonality: monoclonal

Comments: Record consolidated with RRID: AB_2314886, RRID: AB_2314885, which were found to be duplicates.; Application(s):

Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot; Date Deposited: 01/15/1993

Antibody Name: Nestin (intermediate filament protein) antibody - Hockfield, S.; Yale University School of Medicine

Description: This monoclonal targets Nestin (intermediate filament protein)

Target Organism: Human, Rat, Feline, Avian, Mouse, Primate

Defining Citation: [PMID:20421592](#), [PMID:21151976](#), [PMID:22466603](#), [PMID:24089482](#), [PMID:17218404](#), [PMID:21826226](#), [PMID:23403289](#), [PMID:21785702](#), [PMID:17290297](#), [PMID:25788671](#), [PMID:24423414](#), [PMID:19773359](#), [PMID:4078630](#), [PMID:20154142](#), [PMID:19795519](#), [PMID:22898830](#), [PMID:21192990](#), [PMID:29335508](#), [PMID:23420609](#), [PMID:15145949](#), [PMID:25975775](#), [PMID:22387464](#), [PMID:19542359](#), [PMID:23681951](#), [PMID:22558462](#), [PMID:22508027](#), [PMID:20384787](#), [PMID:19328783](#)

Antibody ID: AB_2235915

Vendor: DSHB

Catalog Number: Rat-401

Alternative Catalog Numbers: rat-401

Record Creation Time: 20250820T055544+0000

Record Last Update: 20250820T225036+0000

Ratings and Alerts

No rating or validation information has been found for Nestin (intermediate filament protein) antibody - Hockfield, S.; Yale University School of Medicine.

No alerts have been found for Nestin (intermediate filament protein) antibody - Hockfield, S.; Yale University School of Medicine.

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 [NIF](#) .

Ingersoll S, et al. (2026) Self-clustering of three CBX2 molecules drives PRC2 to promote facultative heterochromatinization of Polycomb target genes. *Molecular cell*, 86(6), 1015.

Phelps PE, et al. (2025) Olfactory ensheathing cells from adult female rats are hybrid glia that promote neural repair. *eLife*, 13.

Morcom L, et al. (2021) DRAXIN regulates interhemispheric fissure remodelling to influence the extent of corpus callosum formation. *eLife*, 10.

Morcom L, et al. (2021) DCC regulates astroglial development essential for telencephalic morphogenesis and corpus callosum formation. *eLife*, 10.

Boshans LL, et al. (2021) Direct reprogramming of oligodendrocyte precursor cells into GABAergic inhibitory neurons by a single homeodomain transcription factor Dlx2. *Scientific reports*, 11(1), 3552.

Shin H, et al. (2021) Visual deprivation induces transient upregulation of oligodendrocyte progenitor cells in the subcortical white matter of mouse visual cortex. *IBRO neuroscience reports*, 11, 29.

Shin H, et al. (2021) Sensitive timing of undifferentiation in oligodendrocyte progenitor cells and their enhanced maturation in primary visual cortex of binocularly enucleated mice. *PloS one*, 16(9), e0257395.

Shao W, et al. (2020) Centrosome anchoring regulates progenitor properties and cortical formation. *Nature*, 580(7801), 106.

Ramos SI, et al. (2020) Tuba8 Drives Differentiation of Cortical Radial Glia into Apical Intermediate Progenitors by Tuning Modifications of Tubulin C Termini. *Developmental cell*, 52(4), 477.

Wang H, et al. (2019) ZEB1 Represses Neural Differentiation and Cooperates with CTBP2 to Dynamically Regulate Cell Migration during Neocortex Development. *Cell reports*, 27(8), 2335.

Bott CJ, et al. (2019) Nestin in immature embryonic neurons affects axon growth cone morphology and Semaphorin3a sensitivity. *Molecular biology of the cell*, 30(10), 1214.

Lu YQ, et al. (2019) Generation of an integration-free induced pluripotent stem cell line, FJMU001-A, from a hereditary spastic paraplegia patient carrying compound heterozygous p.P498L and p.R618W mutations in CAPN1 (SPG76). *Stem cell research*, 34, 101354.

P??kowska A, et al. (2018) Gain of CTCF-Anchored Chromatin Loops Marks the Exit from Naive Pluripotency. *Cell systems*, 7(5), 482.

Fawal MA, et al. (2018) Cross Talk between One-Carbon Metabolism, Eph Signaling, and Histone Methylation Promotes Neural Stem Cell Differentiation. *Cell reports*, 23(10), 2864.

Clements R, et al. (2018) Retinal ganglion cell axon sorting at the optic chiasm requires dystroglycan. *Developmental biology*, 442(2), 210.

Ma S, et al. (2017) A Brain-Region-Specific Neural Pathway Regulating Germinal Matrix Angiogenesis. *Developmental cell*, 41(4), 366.

Varadarajan SG, et al. (2017) Netrin1 Produced by Neural Progenitors, Not Floor Plate Cells, Is Required for Axon Guidance in the Spinal Cord. *Neuron*, 94(4), 790.

Jossin Y, et al. (2017) Llg1 Connects Cell Polarity with Cell-Cell Adhesion in Embryonic Neural Stem Cells. *Developmental cell*, 41(5), 481.

Hu XL, et al. (2017) Persistent Expression of VCAM1 in Radial Glial Cells Is Required for the Embryonic Origin of Postnatal Neural Stem Cells. *Neuron*, 95(2), 309.

Andrews WD, et al. (2016) Altered proliferative ability of neuronal progenitors in PlexinA1 mutant mice. *The Journal of comparative neurology*, 524(3), 518.