

Resource Summary Report

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Anti-Doublecortin

RRID:AB_2230227

Type: Antibody

Proper Citation

(Millipore Cat# AB5910, RRID:AB_2230227)

Antibody Information

URL: http://antibodyregistry.org/AB_2230227

Proper Citation: (Millipore Cat# AB5910, RRID:AB_2230227)

Target Antigen: Dcx

Host Organism: guinea pig

Clonality: monoclonal

Comments: seller recommendations: immunohistochemistry

Antibody Name: Anti-Doublecortin

Description: This monoclonal targets Dcx

Target Organism: mouse, rat

Defining Citation: [PMID:21246554](#), [PMID:16736467](#), [PMID:21344407](#), [PMID:17183554](#), [PMID:18512685](#), [PMID:17366607](#)

Antibody ID: AB_2230227

Vendor: Millipore

Catalog Number: AB5910

Ratings and Alerts

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

No alerts have been found for Anti-Doublecortin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Moradi K, et al. (2024) HB-EGF and EGF infusion following CNS demyelination mitigates age-related decline in regeneration of oligodendrocytes from neural precursor cells originating in the ventricular-subventricular zone. bioRxiv : the preprint server for biology.

Favaloro F, et al. (2022) miR-17-92 exerts stage-specific effects in adult V-SVZ neural stem cell lineages. Cell reports, 41(10), 111773.

Ohgomori T, et al. (2021) Signal Transducer and Activator of Transcription 3 Activation in Hippocampal Neural Stem Cells and Cognitive Deficits in Mice Following Short-term Cuprizone Exposure. Neuroscience, 472, 90.

Yamada J, et al. (2018) Increased Synthesis of Chondroitin Sulfate Proteoglycan Promotes Adult Hippocampal Neurogenesis in Response to Enriched Environment. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(39), 8496.

Piumatti M, et al. (2018) Non-Newly Generated, "Immature" Neurons in the Sheep Brain Are Not Restricted to Cerebral Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(4), 826.

Petrik D, et al. (2018) Epithelial Sodium Channel Regulates Adult Neural Stem Cell Proliferation in a Flow-Dependent Manner. Cell stem cell, 22(6), 865.

Whittington NC, et al. (2017) Suppression of Red Blood Cell Autofluorescence for Immunocytochemistry on Fixed Embryonic Mouse Tissue. Current protocols in neuroscience, 81, 2.28.1.

Giannakopoulou A, et al. (2017) Long-term effects of autoimmune CNS inflammation on adult hippocampal neurogenesis. Journal of neuroscience research, 95(7), 1446.

Reshef R, et al. (2017) The role of microglia and their CX3CR1 signaling in adult neurogenesis in the olfactory bulb. eLife, 6.

Bloch J, et al. (2011) Doublecortin-positive cells in the adult primate cerebral cortex and

possible role in brain plasticity and development. The Journal of comparative neurology, 519(4), 775.

Guerrero-Cázares H, et al. (2011) Cytoarchitecture of the lateral ganglionic eminence and rostral extension of the lateral ventricle in the human fetal brain. The Journal of comparative neurology, 519(6), 1165.

Navailles S, et al. (2008) Antidepressant drug-induced stimulation of mouse hippocampal neurogenesis is age-dependent and altered by early life stress. The Journal of comparative neurology, 509(4), 372.

Tran PB, et al. (2007) Chemokine receptor expression by neural progenitor cells in neurogenic regions of mouse brain. The Journal of comparative neurology, 500(6), 1007.

Stumm R, et al. (2007) Patterns of SDF-1alpha and SDF-1gamma mRNAs, migration pathways, and phenotypes of CXCR4-expressing neurons in the developing rat telencephalon. The Journal of comparative neurology, 502(3), 382.

Sadgrove MP, et al. (2006) Examination of granule layer cell count, cell density, and single-pulse BrdU incorporation in rat organotypic hippocampal slice cultures with respect to culture medium, septotemporal position, and time in vitro. The Journal of comparative neurology, 497(3), 397.