

Resource Summary Report

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Doublecortin Antibody (C-18)

RRID:AB_2088494

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-8066, RRID:AB_2088494)

Antibody Information

URL: http://antibodyregistry.org/AB_2088494

Proper Citation: (Santa Cruz Biotechnology Cat# sc-8066, RRID:AB_2088494)

Target Antigen: Doublecortin

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller
Applications: WB, IP, IF, IHC(P), ELISA

Antibody Name: Doublecortin Antibody (C-18)

Description: This polyclonal targets Doublecortin

Target Organism: rat, mouse, human

Clone ID: C-18

Defining Citation: [PMID:22700217](#), [PMID:19575445](#), [PMID:17278139](#), [PMID:21246554](#), [PMID:19350672](#), [PMID:21246550](#), [PMID:18720478](#), [PMID:16927265](#), [PMID:18925637](#), [PMID:16874818](#), [PMID:16786555](#), [PMID:21031554](#), [PMID:21192078](#), [PMID:20575070](#), [PMID:19003791](#), [PMID:18386786](#), [PMID:19058188](#), [PMID:19399899](#), [PMID:20503426](#), [PMID:17245710](#), [PMID:17183542](#), [PMID:19459218](#), [PMID:18288691](#), [PMID:18231966](#), [PMID:19363795](#)

Antibody ID: AB_2088494

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-8066

Record Creation Time: 20241016T222334+0000

Record Last Update: 20241016T224750+0000

Ratings and Alerts

No rating or validation information has been found for Doublecortin Antibody (C-18).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller

Applications: WB, IP, IF, IHC(P), ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 207 mentions in open access literature.

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

Yun S, et al. (2025) The longitudinal behavioral effects of acute exposure to galactic cosmic radiation in female C57BL/6J mice: Implications for deep space missions, female crews, and potential antioxidant countermeasures. Journal of neurochemistry, 169(1), e16225.

Yoshida R, et al. (2024) Morphological classification of radial glia-like cells in the postnatal mouse subventricular zone. The European journal of neuroscience, 60(6), 5156.

Toda T, et al. (2024) Long interspersed nuclear elements safeguard neural progenitors from precocious differentiation. Cell reports, 43(2), 113774.

Crisci I, et al. (2024) Tamoxifen exerts direct and microglia-mediated effects preventing neuroinflammatory changes in the adult mouse hippocampal neurogenic niche. Glia, 72(7), 1273.

Bernou C, et al. (2024) Switching of RNA splicing regulators in immature neuroblasts during adult neurogenesis. eLife, 12.

Li H, et al. (2024) Silencing dentate newborn neurons alters excitatory/inhibitory balance and impairs behavioral inhibition and flexibility. Science advances, 10(2), eadk4741.

Fauser M, et al. (2024) Subthalamic nucleus but not entopeduncular nucleus deep brain stimulation enhances neurogenesis in the SVZ-olfactory bulb system of Parkinsonian rats. *Frontiers in cellular neuroscience*, 18, 1396780.

Colombi I, et al. (2024) Heterogeneous subpopulations of GABAAR-responding neurons coexist across neuronal network scales and developmental stages in health and disease. *iScience*, 27(4), 109438.

Ota R, et al. (2023) Cortical projection to the subventricular zone and its effect on adult neurogenesis in mice. *Neuroscience letters*, 799, 137101.

Loan A, et al. (2023) Prenatal low-dose methylmercury exposure causes premature neuronal differentiation and autism-like behaviors in a rodent model. *iScience*, 26(3), 106093.

Stazi M, et al. (2023) A Combination of Caffeine Supplementation and Enriched Environment in an Alzheimer's Disease Mouse Model. *International journal of molecular sciences*, 24(3).

Stüfchen I, et al. (2023) Sox9 regulates melanocytic fate decision of adult hair follicle stem cells. *iScience*, 26(6), 106919.

Riley VA, et al. (2023) Tsc2 coordinates neuroprogenitor differentiation. *iScience*, 26(12), 108442.

Gioia R, et al. (2023) Adult hippocampal neurogenesis and social behavioural deficits in the R451C Neuroligin3 mouse model of autism are reverted by the antidepressant fluoxetine. *Journal of neurochemistry*, 165(3), 318.

Georgelin M, et al. (2023) Short photoperiod modulates behavior, cognition and hippocampal neurogenesis in male Japanese quail. *Scientific reports*, 13(1), 951.

Nishimura K, et al. (2023) A protocol for the differentiation of human embryonic stem cells into midbrain dopaminergic neurons. *STAR protocols*, 4(3), 102355.

Pratelli M, et al. (2023) Drug-induced change in transmitter identity is a shared mechanism generating cognitive deficits. *Research square*.

Stazi M, et al. (2023) Combined long-term enriched environment and caffeine supplementation improve memory function in C57Bl6 mice. *European archives of psychiatry and clinical neuroscience*, 273(1), 269.

Hernandez-Lopez JM, et al. (2023) Neuronal progenitors of the dentate gyrus express the SARS-CoV-2 cell receptor during migration in the developing human hippocampus. *Cellular and molecular life sciences : CMLS*, 80(6), 140.

Tuncdemir SN, et al. (2023) Adult-born granule cells facilitate remapping of spatial and non-spatial representations in the dentate gyrus. *Neuron*, 111(24), 4024.