

Resource Summary Report

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Doublecortin (E-6)

RRID:AB_10610966

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-271390, RRID:AB_10610966)

Antibody Information

URL: http://antibodyregistry.org/AB_10610966

Proper Citation: (Santa Cruz Biotechnology Cat# sc-271390, RRID:AB_10610966)

Target Antigen: Doublecortin (E-6)

Host Organism: human

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Western Blot

Antibody Name: Doublecortin (E-6)

Description: This monoclonal targets Doublecortin (E-6)

Target Organism: rat, mouse, rabbit, human

Antibody ID: AB_10610966

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-271390

Record Creation Time: 20231110T071224+0000

Record Last Update: 20241114T231021+0000

Ratings and Alerts

No rating or validation information has been found for Doublecortin (E-6).

No alerts have been found for Doublecortin (E-6).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Parishar P, et al. (2024) Changes in the dopaminergic circuitry and adult neurogenesis linked to reinforcement learning in corvids. *Frontiers in neuroscience*, 18, 1359874.

Song Y, et al. (2024) Astrocyte-derived CHI3L1 signaling impairs neurogenesis and cognition in the demyelinated hippocampus. *Cell reports*, 43(5), 114226.

Vercalsteren E, et al. (2024) The SGLT2 inhibitor Empagliflozin promotes post-stroke functional recovery in diabetic mice. *Cardiovascular diabetology*, 23(1), 88.

Shim HS, et al. (2024) TERT activation targets DNA methylation and multiple aging hallmarks. *Cell*, 187(15), 4030.

Dema A, et al. (2024) Doublecortin reinforces microtubules to promote growth cone advance in soft environments. *bioRxiv : the preprint server for biology*.

Shim T, et al. (2024) Cullin-RING E3 ubiquitin ligase 4 regulates neurite morphogenesis during neurodevelopment. *iScience*, 27(2), 108933.

Shvedov NR, et al. (2024) In vivo imaging in transgenic songbirds reveals superdiffusive neuron migration in the adult brain. *Cell reports*, 43(2), 113759.

Fuchigami T, et al. (2024) Ganglioside GD3 regulates neural stem cell quiescence and controls postnatal neurogenesis. *Glia*, 72(1), 167.

Barr J, et al. (2024) Tumor-infiltrating nerves functionally alter brain circuits and modulate behavior in a mouse model of head-and-neck cancer. *eLife*, 13.

Mulc D, et al. (2024) Fetal development of the human amygdala. *The Journal of comparative neurology*, 532(1), e25580.

Gutiérrez-Castañeda NE, et al. (2023) Taurine Promotes Differentiation and Maturation of Neural Stem/Progenitor Cells from the Subventricular Zone via Activation of GABAA Receptors. *Neurochemical research*, 48(7), 2206.

Fuchigami T, et al. (2023) Restoration of Adult Neurogenesis by Intranasal Administration of Gangliosides GD3 and GM1 in The Olfactory Bulb of A53T Alpha-Synuclein-Expressing Parkinson's-Disease Model Mice. *Molecular neurobiology*, 60(6), 3329.

van Bruggen R, et al. (2023) A Versatile Strategy for Genetic Manipulation of Cajal-Retzius Cells in the Adult Mouse Hippocampus. *eNeuro*, 10(10).

Ronchetti S, et al. (2023) Beneficial effects of the phytoestrogen genistein on hippocampal impairments of spontaneously hypertensive rats (SHR). *Journal of neuroendocrinology*, 35(1), e13228.

Vanova T, et al. (2023) Cerebral organoids derived from patients with Alzheimer's disease with PSEN1/2 mutations have defective tissue patterning and altered development. *Cell reports*, 42(11), 113310.

Tajima Y, et al. (2023) NOVA1 acts on Impact to regulate hypothalamic function and translation in inhibitory neurons. *Cell reports*, 42(2), 112050.

Barr J, et al. (2023) Tumor-infiltrating nerves functionally alter brain circuits and modulate behavior in a male mouse model of head-and-neck cancer. *bioRxiv : the preprint server for biology*.

Franjic D, et al. (2022) Transcriptomic taxonomy and neurogenic trajectories of adult human, macaque, and pig hippocampal and entorhinal cells. *Neuron*, 110(3), 452.

Cserép C, et al. (2022) Microglial control of neuronal development via somatic purinergic junctions. *Cell reports*, 40(12), 111369.

Nazeri A, et al. (2022) Neurodevelopmental patterns of early postnatal white matter maturation represent distinct underlying microstructure and histology. *Neuron*, 110(23), 4015.