Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

Anti-Doublecortin antibody

RRID:AB_732011
Type: Antibody

Proper Citation

(Abcam Cat# ab18723, RRID:AB_732011)

Antibody Information

URL: http://antibodyregistry.org/AB_732011

Proper Citation: (Abcam Cat# ab18723, RRID:AB_732011)

Target Antigen: Doublecortin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ICC/IF, IHC-FoFr, IHC-Fr, IHC-FrFl, IHC-P, WB

Antibody Name: Anti-Doublecortin antibody

Description: This polyclonal targets Doublecortin

Target Organism: rat, quail, mouse, human

Defining Citation: PMID:18803236, PMID:20575069, PMID:21246554

Antibody ID: AB_732011

Vendor: Abcam

Catalog Number: ab18723

Record Creation Time: 20231110T043444+0000

Record Last Update: 20241115T051559+0000

Ratings and Alerts

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

No alerts have been found for Anti-Doublecortin antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 97 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hu B, et al. (2025) Postnatal development of rat retina: a continuous observation and comparison between the organotypic retinal explant model and in vivo development. Neural regeneration research, 20(3), 900.

Ma Y, et al. (2024) Mild hypothermia promotes neuronal differentiation of human neural stem cells via RBM3-SOX11 signaling pathway. iScience, 27(4), 109435.

Guardigni M, et al. (2024) Integrating a quinone substructure into histone deacetylase inhibitors to cope with Alzheimer's disease and cancer. RSC medicinal chemistry, 15(6), 2045.

Wang W, et al. (2024) DCX knockout ferret reveals a neurogenic mechanism in cortical development. Cell reports, 43(8), 114508.

Huang S, et al. (2024) Disruption of the Na+/K+-ATPase-purinergic P2X7 receptor complex in microglia promotes stress-induced anxiety. Immunity, 57(3), 495.

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

Bugaj AM, et al. (2024) Dissecting gene expression networks in the developing hippocampus through the lens of NEIL3 depletion. Progress in neurobiology, 235, 102599.

Cheung G, et al. (2024) Multipotent progenitors instruct ontogeny of the superior colliculus. Neuron, 112(2), 230.

Villalba NM, et al. (2024) Perinatal ethanol exposure affects cell populations in adult dorsal hippocampal neurogenic niche. Neuroscience research, 198, 8.

Goodkey K, et al. (2024) Olfactory bulb anomalies in KBG syndrome mouse model and patients. BMC medicine, 22(1), 158.

Gutierrez-Castañeda NE, et al. (2024) The bidirectional role of GABAA and GABAB

receptors during the differentiation process of neural precursor cells of the subventricular zone. PloS one, 19(6), e0305853.

Li J, et al. (2024) Astrocytic endothelin-1 overexpression impairs learning and memory ability in ischemic stroke via altered hippocampal neurogenesis and lipid metabolism. Neural regeneration research, 19(3), 650.

Shi R, et al. (2024) Tropism-shifted AAV-PHP.eB-mediated bFGF gene therapy promotes varied neurorestoration after ischemic stroke in mice. Neural regeneration research.

Noguchi H, et al. (2023) Shh from mossy cells contributes to preventing NSC pool depletion after seizure-induced neurogenesis and in aging. eLife, 12.

Garcia-Diaz C, et al. (2023) Glioblastoma cell fate is differentially regulated by the microenvironments of the tumor bulk and infiltrative margin. Cell reports, 42(5), 112472.

Chakraborty P, et al. (2023) Regulation of store-operated Ca2+ entry by IP3 receptors independent of their ability to release Ca2. eLife, 12.

Jewett CE, et al. (2023) Trisomy 21 induces pericentrosomal crowding delaying primary ciliogenesis and mouse cerebellar development. eLife, 12.

Garcia-Bonilla M, et al. (2023) Impaired neurogenesis with reactive astrocytosis in the hippocampus in a porcine model of acquired hydrocephalus. Experimental neurology, 363, 114354.

Simpson Ragdale H, et al. (2023) Injury primes mutation-bearing astrocytes for dedifferentiation in later life. Current biology : CB, 33(6), 1082.

Fang L, et al. (2023) TIMP3 promotes the maintenance of neural stem-progenitor cells in the mouse subventricular zone. Frontiers in neuroscience, 17, 1149603.