Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 16, 2025

Anti-Serotonin antibody produced in rabbit

RRID:AB_477522
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# S5545, RRID:AB_477522)

Antibody Information

URL: http://antibodyregistry.org/AB_477522

Proper Citation: (Sigma-Aldrich Cat# S5545, RRID:AB_477522)

Target Antigen: Serotonin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: immunohistochemistry (formalin-fixed, paraffin-embedded sections), immunohistochemistry (frozen sections)

Antibody Name: Anti-Serotonin antibody produced in rabbit

Description: This polyclonal targets Serotonin

Target Organism: Human, Rat

Defining Citation: PMID:23124836, PMID:20034056, PMID:17206618, PMID:16736470, PMID:16736471, PMID:18512225, PMID:16786554, PMID:19330814, PMID:22522977, PMID:18393294

Antibody ID: AB_477522

Vendor: Sigma-Aldrich

Catalog Number: S5545

Record Creation Time: 20231110T080834+0000

Record Last Update: 20241115T121716+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Serotonin antibody produced in rabbit.

No alerts have been found for Anti-Serotonin antibody produced in rabbit.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Lee DH, et al. (2025) Enhancement of motor functional recovery in thoracic spinal cord injury: voluntary wheel running versus forced treadmill exercise. Neural regeneration research, 20(3), 836.

Qu W, et al. (2025) Chondroitinase ABC combined with Schwann cell transplantation enhances restoration of neural connection and functional recovery following acute and chronic spinal cord injury. Neural regeneration research, 20(5), 1467.

Szarka G, et al. (2024) Gap junctions fine-tune ganglion cell signals to equalize response kinetics within a given electrically coupled array. iScience, 27(6), 110099.

Tai W, et al. (2024) NG2 glia reprogramming induces robust axonal regeneration after spinal cord injury. iScience, 27(2), 108895.

von Döhren J, et al. (2024) Comparative development of the serotonin- and FMRFamide-immunoreactive components of the nervous system in two distantly related ribbon worm species (Nemertea, Spiralia). Frontiers in neuroscience, 18, 1375208.

Wang X, et al. (2024) A GAPDH serotonylation system couples CD8+ T cell glycolytic metabolism to antitumor immunity. Molecular cell, 84(4), 760.

Fan Y, et al. (2023) hPSC-derived sacral neural crest enables rescue in a severe model of Hirschsprung's disease. Cell stem cell, 30(3), 264.

Jahn S, et al. (2023) Neuroarchitecture of the central complex in the Madeira cockroach Rhyparobia maderae: Pontine and columnar neuronal cell types. The Journal of comparative neurology, 531(16), 1689.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Brown TL, et al. (2023) Dermal appendage-dependent patterning of zebrafish atoh1a+ Merkel cells. eLife, 12.

Patrone LGA, et al. (2023) Sex- and age-specific respiratory alterations induced by prenatal exposure to the cannabinoid receptor agonist WIN?55,212-2 in rats. British journal of pharmacology.

Konrad KD, et al. (2023) microRNA-124 regulates Notch and NeuroD1 to mediate transition states of neuronal development. Developmental neurobiology, 83(1-2), 3.

Chen F, et al. (2023) sox1a:eGFP transgenic line and single-cell transcriptomics reveal the origin of zebrafish intraspinal serotonergic neurons. iScience, 26(8), 107342.

Homberg U, et al. (2023) Comparative morphology of serotonin-immunoreactive neurons innervating the central complex in the brain of dicondylian insects. The Journal of comparative neurology, 531(14), 1482.

Reed M, et al. (2023) A role for dopamine in control of the hypoxic ventilatory response via D2 receptors in the zebrafish gill. The Journal of comparative neurology.

Zheng M, et al. (2022) Regeneration of the larval sea star nervous system by wounding induced respecification to the Sox2 lineage. eLife, 11.

Yao Z, et al. (2022) Serotonergic neurons translate taste detection into internal nutrient regulation. Neuron, 110(6), 1036.

Wang J, et al. (2022) Grafted human ESC-derived astroglia repair spinal cord injury via activation of host anti-inflammatory microglia in the lesion area. Theranostics, 12(9), 4288.

Althaus V, et al. (2022) 3D-atlas of the brain of the cockroach Rhyparobia maderae. The Journal of comparative neurology, 530(18), 3126.

Johnson KP, et al. (2021) Cell-type-specific binocular vision guides predation in mice. Neuron, 109(9), 1527.