Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 17, 2025

Serotonin antibody

RRID:AB_1142794
Type: Antibody

Proper Citation

(Abcam Cat# ab66047, RRID:AB_1142794)

Antibody Information

URL: http://antibodyregistry.org/AB_1142794

Proper Citation: (Abcam Cat# ab66047, RRID:AB_1142794)

Target Antigen: Serotonin antibody

Host Organism: goat

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Immunohistochemistry; Immunohistochemistry - frozen; IHC-FoFr, IHC-Fr

Antibody Name: Serotonin antibody

Description: This polyclonal targets Serotonin antibody

Target Organism: rat, mouse

Antibody ID: AB_1142794

Vendor: Abcam

Catalog Number: ab66047

Record Creation Time: 20231110T074355+0000

Record Last Update: 20241115T045139+0000

Ratings and Alerts

No rating or validation information has been found for Serotonin antibody.

No alerts have been found for Serotonin antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Cobb-Lewis D, et al. (2024) The lateral habenula integrates age and experience to promote social transitions in developing rats. Cell reports, 43(8), 114556.

Lemmetyinen TT, et al. (2024) Mesenchymal GDNF promotes intestinal enterochromaffin cell differentiation. iScience, 27(12), 111246.

Liu D, et al. (2024) An Ascending Excitatory Circuit from the Dorsal Raphe for Sensory Modulation of Pain. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(4).

Mihlan M, et al. (2024) Neutrophil trapping and nexocytosis, mast cell-mediated processes for inflammatory signal relay. Cell, 187(19), 5316.

Luo J, et al. (2023) Lipids regulate peripheral serotonin release via gut CD1d. Immunity, 56(7), 1533.

Zhai L, et al. (2023) Ruminococcus gnavus plays a pathogenic role in diarrhea-predominant irritable bowel syndrome by increasing serotonin biosynthesis. Cell host & microbe, 31(1), 33.

Abdali SS, et al. (2023) Immunohistochemical analysis of glutamatergic and serotonergic signaling pathways in chemosensory cell clusters in the pharynx and larynx of rats. Tissue & cell, 82, 102122.

Cheung A, et al. (2023) Neurexins in serotonergic neurons regulate neuronal survival, serotonin transmission, and complex mouse behaviors. eLife, 12.

Jiang SS, et al. (2023) 5-Hydroxytryptamine: a potential therapeutic target in amyotrophic lateral sclerosis. Neural regeneration research, 18(9), 2047.

Zhong Z, et al. (2021) Symbiont-regulated serotonin biosynthesis modulates tick feeding activity. Cell host & microbe, 29(10), 1545.

Chen Z, et al. (2021) Interleukin-33 Promotes Serotonin Release from Enterochromaffin Cells for Intestinal Homeostasis. Immunity, 54(1), 151.

Qin Y, et al. (2021) Nkx2-2 expressing taste cells in endoderm-derived taste papillae are committed to the type III lineage. Developmental biology, 477, 232.

Schiller M, et al. (2021) Optogenetic activation of local colonic sympathetic innervations attenuates colitis by limiting immune cell extravasation. Immunity, 54(5), 1022.

Beumer J, et al. (2020) High-Resolution mRNA and Secretome Atlas of Human Enteroendocrine Cells. Cell, 181(6), 1291.

Han Q, et al. (2020) Restoring Cellular Energetics Promotes Axonal Regeneration and Functional Recovery after Spinal Cord Injury. Cell metabolism, 31(3), 623.

Kopeikina E, et al. (2020) Platelets promote epileptic seizures by modulating brain serotonin level, enhancing neuronal electric activity, and contributing to neuroinflammation and oxidative stress. Progress in neurobiology, 188, 101783.

Bruschetta G, et al. (2020) MC4R Signaling in Dorsal Raphe Nucleus Controls Feeding, Anxiety, and Depression. Cell reports, 33(2), 108267.

Matsui H, et al. (2019) Age- and ?-Synuclein-Dependent Degeneration of Dopamine and Noradrenaline Neurons in the Annual Killifish Nothobranchius furzeri. Cell reports, 26(7), 1727.

Wee CL, et al. (2019) A bidirectional network for appetite control in larval zebrafish. eLife, 8.

Upreti C, et al. (2019) Serotonin Induces Structural Plasticity of Both Extrinsic Modulating and Intrinsic Mediating Circuits In Vitro in Aplysia Californica. Cell reports, 28(11), 2955.