Resource Summary Report

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

Anti-Parvalbumin

RRID:AB_2174013
Type: Antibody

Proper Citation

(Millipore Cat# MAB1572, RRID:AB_2174013)

Antibody Information

URL: http://antibodyregistry.org/AB_2174013

Proper Citation: (Millipore Cat# MAB1572, RRID:AB_2174013)

Target Antigen: Parvalbumin

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG1; IgG1 IC, IH(P), WB; Immunohistochemistry; Immunocytochemistry; Western Blot; Consolidated with RRID: AB_11211313 on Nov 28, 2017 by curator
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Anti-Parvalbumin

Description: This monoclonal targets Parvalbumin

Target Organism: fg, b, f, h, porcine, goat, gt, m, rb, r, rabbit, ca, fe, po

Antibody ID: AB_2174013

Vendor: Millipore

Catalog Number: MAB1572

Record Creation Time: 20231110T055800+0000

Record Last Update: 20241115T092702+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Anti-Parvalbumin.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 96 mentions in open access literature.

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

Tanabe M, et al. (2025) Role of immature choroid plexus in the pathology of model mice and human iPSC-derived organoids with autism spectrum disorder. Cell reports, 44(1), 115133.

Leung BK, et al. (2024) A ventral pallidal-thalamocortical circuit mediates the cognitive control of instrumental action. Current biology : CB, 34(15), 3315.

Liu M, et al. (2024) Parvalbumin and Somatostatin: Biomarkers for Two Parallel Tectothalamic Pathways in the Auditory Midbrain. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(10).

Wang F, et al. (2024) The thalamic reticular nucleus orchestrates social memory. Neuron, 112(14), 2368.

D'Gama PP, et al. (2024) Ciliogenesis defects after neurulation impact brain development and neuronal activity in larval zebrafish. iScience, 27(6), 110078.

Jain S, et al. (2024) Increasing adult-born neurons protects mice from epilepsy. eLife, 12.

Göbel C, et al. (2024) SMARCA4 loss and mutated ?-catenin induce proliferative lesions in the murine embryonic cerebellum. The Journal of neuroscience : the official journal of the Society for Neuroscience.

Fang S, et al. (2024) Sexually dimorphic control of affective state processing and empathic behaviors. Neuron.

Wang Y, et al. (2024) Mast cell stabilizer, an anti-allergic drug, reduces ventricular arrhythmia risk via modulation of neuroimmune interaction. Basic research in cardiology, 119(1), 75.

Spoleti E, et al. (2024) Dopamine neuron degeneration in the Ventral Tegmental Area causes hippocampal hyperexcitability in experimental Alzheimer's Disease. Molecular psychiatry.

Yan Y, et al. (2024) 3D bioprinting of human neural tissues with functional connectivity. Cell stem cell, 31(2), 260.

He Q, et al. (2024) Early synaptic dysfunction of striatal parvalbumin interneurons in a mouse model of Parkinson's disease. iScience, 27(11), 111253.

Kurabayashi N, et al. (2023) Neocortical neuronal production and maturation defects in the TcMAC21 mouse model of Down syndrome. iScience, 26(12), 108379.

Wildner F, et al. (2023) Extracellular ATP inhibits excitatory synaptic input on parvalbumin positive interneurons and attenuates gamma oscillations via P2X4 receptors. British journal of pharmacology.

Spool JA, et al. (2023) Top-down, auditory pallial regulation of the social behavior network. bioRxiv : the preprint server for biology.

Jain S, et al. (2023) Increasing adult neurogenesis protects mice from epilepsy. bioRxiv : the preprint server for biology.

Hughes BW, et al. (2023) NPAS4 in the medial prefrontal cortex mediates chronic social defeat stress-induced anhedonia-like behavior and reductions in excitatory synapses. eLife, 12.

Knaus LS, et al. (2023) Large neutral amino acid levels tune perinatal neuronal excitability and survival. Cell, 186(9), 1950.

Shih YT, et al. (2023) An inhibitory circuit-based enhancer of DYRK1A function reverses Dyrk1a-associated impairment in social recognition. Neuron, 111(19), 3084.

Rais M, et al. (2022) Functional consequences of postnatal interventions in a mouse model of Fragile X syndrome. Neurobiology of disease, 162, 105577.