Resource Summary Report

Generated by dkNET on Aug 20, 2026

Allen Mouse Brain Reference Atlas

RRID:SCR_002978
Type: Tool

Proper Citation

Allen Mouse Brain Reference Atlas (RRID:SCR_002978)

Resource Information

URL: http://mouse.brain-map.org/static/atlas

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Description: Allen Mouse Brain Atlas includes full color, high resolution anatomic reference atlas accompanied by systematic, hierarchically organized taxonomy of mouse brain structures. Enables interactive online exploration of atlas and to provide deeper level of 3D annotation for informatics analysis and viewing in Brain Explorer 3D viewer.

Abbreviations: ABA, ARA, ABA Mouse Brain

Synonyms: Allen Mouse Brain Reference Atlas, Allen Reference Atlases, ABA Adult Mouse Brain, ARA ontology

Resource Type: data or information resource, reference atlas, atlas

Keywords: 3D, map, gene, expression, data, adult, mouse, brain, interactive, image

Availability: Free, Freely available

Resource Name: Allen Mouse Brain Reference Atlas

Resource ID: SCR_002978

Alternate IDs: SCR_013286, nlx_21010, nif-0000-00508

Old URLs: http://mouse.brain-map.org/atlas/index.html, http://mouse.brain-map.org/

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260820T054400+0000

Ratings and Alerts

No rating or validation information has been found for Allen Mouse Brain Reference Atlas.

No alerts have been found for Allen Mouse Brain Reference Atlas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 453 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Herrera YN, et al. (2026) Optogenetic circuit mapping reveals connectivity and synaptic physiology of T-stellate projections from the cochlear nucleus to the auditory midbrain. bioRxiv : the preprint server for biology.

Geibl FF, et al. (2026) Mapping cellular vulnerability in Parkinson's disease using retro-AAVs and preformed ?-synuclein fibrils. Translational neurodegeneration, 15(1), 2.

Belal M, et al. (2026) Cholinergic interneuron control of GABAergic circuits targeting spiny projection neurons is disrupted in parkinsonian models. bioRxiv : the preprint server for biology.

Gómez-Pascual A, et al. (2026) The Smarcal1-Usp37 locus modulates glycogen aggregation in astrocytes of the aged hippocampus. Cell systems, 17(2), 101488.

Wang L, et al. (2025) Spatial transcriptomics of the aging mouse brain reveals origins of inflammation in the white matter. Nature communications, 16(1), 3231.

Hintiryan H, et al. (2025) Distinct subnetworks of the mouse anterior thalamic nuclei. Nature communications, 16(1), 6018.

Cara AL, et al. (2025) A bifunctional optical reporter for tracking estrogen response dynamics in neurons. bioRxiv : the preprint server for biology.

Ciric J, et al. (2025) Every-Other-Day Feeding Prevents the Loss of Parvalbumin-Expressing Neurons in the Cerebral Cortex of Female 5xFAD Mice. Molecular neurobiology, 63(1), 195.

Jin K, et al. (2025) Brain-wide cell-type-specific transcriptomic signatures of healthy ageing in mice. Nature, 638(8049), 182.

Okabe N, et al. (2025) Parvalbumin interneurons regulate rehabilitation-induced functional recovery after stroke and identify a rehabilitation drug. Nature communications, 16(1), 2556.

Avgustinovich DF, et al. (2025) The liver-brain axis under the influence of chronic Opisthorchis felineus infection combined with prolonged alcoholization in mice. Vavilovskii

zhurnal genetiki i selektsii, 29(1), 92.

Zhao Y, et al. (2025) Synaptic properties of layer 6 auditory corticothalamic inputs in normal hearing and noise-induced hearing loss. bioRxiv : the preprint server for biology.

Landreth KR, et al. (2025) Deficits in medial prefrontal cortex parvalbumin expression and distraction-dependent memory in rats and mice in the sub-chronic phencyclidine model for schizophrenia. Frontiers in cellular neuroscience, 19, 1669050.

Klug JR, et al. (2025) Asymmetric cortical projections to striatal direct and indirect pathways distinctly control actions. eLife, 12.

Wells RC, et al. (2025) Dual targeting of transferrin receptor and CD98hc enhances brain exposure of large molecules. Cell reports, 44(8), 116038.

Drake AW, et al. (2024) Somatostatin interneuron fate-mapping and structure in a Pten knockout model of epilepsy. Frontiers in cellular neuroscience, 18, 1474613.

Smith J, et al. (2024) Regulation of stress-induced sleep fragmentation by preoptic glutamatergic neurons. Current biology : CB, 34(1), 12.

Shen Z, et al. (2024) How variable progenitor clones construct a largely invariant neocortex. National science review, 11(1), nwad247.

Cui K, et al. (2024) Dominant activities of fear engram cells in the dorsal dentate gyrus underlie fear generalization in mice. PLoS biology, 22(7), e3002679.

Wang YY, et al. (2024) Ucp4 Knockdown of Cerebellar Purkinje Cells Induces Bradykinesia. Molecular neurobiology, 61(2), 1119.