Resource Summary Report

Generated by dkNET on Jul 29, 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, atlas, reference 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: 20260729T044034+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 444 mentions in open access literature.

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

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.

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

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

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.

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

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

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.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. iScience, 27(12), 111285.

Day M, et al. (2024) GABAergic regulation of striatal spiny projection neurons depends upon their activity state. PLoS biology, 22(1), e3002483.

Wang F, et al. (2023) State-dependent memory retrieval: insights from neural dynamics and behavioral perspectives. Learning & memory (Cold Spring Harbor, N.Y.), 30(12), 325.

Makarava N, et al. (2023) Region-Specific Homeostatic Identity of Astrocytes Is Essential for Defining Their Response to Pathological Insults. Cells, 12(17).

Dundee JM, et al. (2023) P2Y6 receptor-dependent microglial phagocytosis of synapses mediates synaptic and memory loss in aging. Aging cell, 22(2), e13761.

Petty A, et al. (2023) Sub-Chronic Ketamine Administration Increases Dopamine Synthesis Capacity in the Mouse Midbrain: a Preclinical In Vivo PET Study. Molecular imaging and biology, 25(6), 1054.