

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

Allen Mouse Reference Atlas Ontology

RRID:SCR_021000

Type: Tool

Proper Citation

Allen Mouse Reference Atlas Ontology (RRID:SCR_021000)

Resource Information

URL: http://api.brain-map.org/api/v2/structure_graph_download/1.json

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Description: Developed for Allen Reference Atlas and follows terminology from Brain Maps: Structure for the Rat Brain (Swanson, 2004, 2018). The ontology has been subsequently extended and revised to also serve as structure ontology for Allen Mouse Common Coordinate Framework. Defines hierarchical partonomy of anatomical structures of adult mouse brain. At top level, brain is divided into gray matter, fiber tracts and ventricular systems. Gray matter is subdivided into cerebrum, brain stem, and cerebellum, which are themselves organized into subregions in hierarchical tree.

Resource Type: controlled vocabulary, data or information resource, ontology

Defining Citation: [PMID:32386544](#)

Keywords: structure ontology, brain structure, ontology, hierarchical partonomy, anatomical structures

Availability: Free, Freely available

Resource Name: Allen Mouse Reference Atlas Ontology

Resource ID: SCR_021000

License URLs: <https://alleninstitute.org/legal/terms-use/>

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260821T194147+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Mitsukawa K, et al. (2024) TAK-861, a potent, orally available orexin receptor 2-selective agonist, produces wakefulness in monkeys and improves narcolepsy-like phenotypes in mouse models. Scientific reports, 14(1), 20838.

Kleven H, et al. (2023) AtOM, an ontology model to standardize use of brain atlases in tools, workflows, and data infrastructures. Scientific data, 10(1), 486.

Gillespie TH, et al. (2022) The Neuron Phenotype Ontology: A FAIR Approach to Proposing and Classifying Neuronal Types. Neuroinformatics, 20(3), 793.

AlSubaie R, et al. (2021) Control of parallel hippocampal output pathways by amygdalar long-range inhibition. eLife, 10.

Vangeneugden J, et al. (2019) Activity in Lateral Visual Areas Contributes to Surround Suppression in Awake Mouse V1. Current biology : CB, 29(24), 4268.