

# Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

## Julich-Brain Cytoarchitectonic Atlas

RRID:SCR\_023277

Type: Tool

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### Proper Citation

Julich-Brain Cytoarchitectonic Atlas (RRID:SCR\_023277)

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### Resource Information

**URL:** <https://search.kg.ebrains.eu/?category=Dataset&q=julich%20brain#f5a9e274-b291-4f79-9c19-f3467ee753d5>

**Proper Citation:** Julich-Brain Cytoarchitectonic Atlas (RRID:SCR\_023277)

**Description:** Atlas presents cytoarchitectonic maps in several coordinate spaces, such as MNI colin27, MNI152, and freesurfer. These maps originate from peer-reviewed probability maps that define both cortical and subcortical brain regions and account for the brain's inter-individual variability by analyzing data from multiple post-mortem samples. For a whole-brain parcellation, the available probability maps are combined into a maximum probability map by considering for each voxel the probability of all cytoarchitectonic brain regions, and determining the most probable assignment. Atlas stands as reference atlas for the Human Brain Project and is embedded within the European research infrastructure platform, EBRAINS.

**Abbreviations:** JBA

**Synonyms:** Julich-Brain Atlas

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

**Defining Citation:** [PMID:32732281](#)

**Keywords:** Interoperable atlas, human brain, 3D probabilistic atlas, human brain's cytoarchitecture, cytoarchitectonic maps, cortical areas, subcortical nuclei

**Availability:** Free, Freely available

**Resource Name:** Julich-Brain Cytoarchitectonic Atlas

**Resource ID:** SCR\_023277

**License:** CC BY-NC-SA 4.0

**Record Creation Time:** 20230214T050231+0000

**Record Last Update:** 20260729T044554+0000

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## Ratings and Alerts

No rating or validation information has been found for Julich-Brain Cytoarchitectonic Atlas.

No alerts have been found for Julich-Brain Cytoarchitectonic Atlas.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Kuckertz A, et al. (2025) Serotonin Receptors in Areas of the Emotion Regulation Network in Human and Rat Brains-A Comparative Autoradiographic Study. The Journal of comparative neurology, 533(7), e70068.

Puschmann S, et al. (2024) Attention-driven modulation of auditory cortex activity during selective listening in a multi-speaker setting. The Journal of neuroscience : the official journal of the Society for Neuroscience.

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.