Resource Summary Report

Generated by RRID on Aug 10, 2026

Rat Jagged 1 Antibody

RRID:AB_2128257
Type: Antibody

Proper Citation

R and D Systems Cat# AF599, RRID:AB_2128257

Antibody Information

URL: http://antibodyregistry.org/AB_2128257

Proper Citation: R and D Systems Cat# AF599, RRID:AB_2128257

Target Antigen: Jagged 1

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Flow Cytometry, Neutralization, CyTOF-ready, ELISA Capture (Matched Antibody Pair)

Antibody Name: Rat Jagged 1 Antibody

Description: This polyclonal targets Jagged 1

Target Organism: rat

Antibody ID: AB_2128257

Vendor: R and D Systems

Catalog Number: AF599

Alternative Catalog Numbers: AF599-SP

Record Creation Time: 20250820T063051+0000

Record Last Update: 20250821T001923+0000

Ratings and Alerts

No rating or validation information has been found for Rat Jagged 1 Antibody.

No alerts have been found for Rat Jagged 1 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Huang B, et al. (2025) Spatially patterned kidney assembloids recapitulate progenitor self-assembly and enable high-fidelity in vivo disease modeling. Cell stem cell, 32(10), 1614.

Shi M, et al. (2025) Integrating collecting systems in human kidney organoids through fusion of distal nephron to ureteric bud. Cell stem cell, 32(7), 1055.

Huang B, et al. (2025) Expansion of human pluripotent stem cell-induced nephron progenitor cells (iNPCs) and the generation of nephron organoids from iNPCs. Nature protocols.

Liu J, et al. (2024) Measurement of adhesion and traction of cells at high yield (MATCHY) reveals an energetic ratchet driving nephron condensation. bioRxiv : the preprint server for biology.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. Cell stem cell, 31(6), 921.

Davis SN, et al. (2024) Nephron progenitors rhythmically alternate between renewal and differentiation phases that synchronize with kidney branching morphogenesis. bioRxiv : the preprint server for biology.

Viola JM, et al. (2023) Rho/ROCK activity tunes cell compartment segregation and differentiation in nephron-forming niches. bioRxiv : the preprint server for biology.

Maunsell HR, et al. (2023) Lrrn1 Regulates Medial Boundary Formation in the Developing Mouse Organ of Corti. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(29), 5305.

Tran T, et al. (2022) A scalable organoid model of human autosomal dominant polycystic kidney disease for disease mechanism and drug discovery. Cell stem cell, 29(7), 1083.

Lawrence ML, et al. (2022) Human iPSC-derived renal organoids engineered to report oxidative stress can predict drug-induced toxicity. iScience, 25(3), 103884.

Lindström NO, et al. (2021) Spatial transcriptional mapping of the human nephrogenic program. Developmental cell, 56(16), 2381.

Azzoni E, et al. (2021) The onset of circulation triggers a metabolic switch required for endothelial to hematopoietic transition. Cell reports, 37(11), 110103.

Guo Q, et al. (2021) A ?-catenin-driven switch in TCF/LEF transcription factor binding to DNA target sites promotes commitment of mammalian nephron progenitor cells. eLife, 10.

Ransick A, et al. (2019) Single-Cell Profiling Reveals Sex, Lineage, and Regional Diversity in the Mouse Kidney. Developmental cell, 51(3), 399.

Verma M, et al. (2018) Muscle Satellite Cell Cross-Talk with a Vascular Niche Maintains Quiescence via VEGF and Notch Signaling. Cell stem cell, 23(4), 530.