Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 4, 2025

Human Nephrin Antibody

RRID:AB_2154851
Type: Antibody

Proper Citation

(R and D Systems Cat# AF4269, RRID:AB_2154851)

Antibody Information

URL: http://antibodyregistry.org/AB_2154851

Proper Citation: (R and D Systems Cat# AF4269, RRID:AB_2154851)

Target Antigen: Nephrin

Host Organism: Sheep

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry

Antibody Name: Human Nephrin Antibody

Description: This polyclonal targets Nephrin

Target Organism: Human

Antibody ID: AB_2154851

Vendor: R and D Systems

Catalog Number: AF4269

Alternative Catalog Numbers: AF4269-SP

Record Creation Time: 20241017T004155+0000

Record Last Update: 20241017T023357+0000

Ratings and Alerts

No rating or validation information has been found for Human Nephrin Antibody.

No alerts have been found for Human Nephrin Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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.

Porter CM, et al. (2023) Highly-parallel production of designer organoids by mosaic patterning of progenitors. bioRxiv : the preprint server for biology.

Kunte SC, et al. (2023) No NLRP3 inflammasome activity in kidney epithelial cells, not even when the NLRP3-A350V Muckle-Wells variant is expressed in podocytes of diabetic mice. Frontiers in immunology, 14, 1230050.

Rahmani W, et al. (2022) Attenuation of SARS-CoV-2 infection by losartan in human kidney organoids. iScience, 25(2), 103818.

Ungricht R, et al. (2022) Genome-wide screening in human kidney organoids identifies developmental and disease-related aspects of nephrogenesis. Cell stem cell, 29(1), 160.

Wang G, et al. (2022) Spatial dynamic metabolomics identifies metabolic cell fate trajectories in human kidney differentiation. Cell stem cell, 29(11), 1580.

Jansen J, et al. (2022) SARS-CoV-2 infects the human kidney and drives fibrosis in kidney organoids. Cell stem cell, 29(2), 217.

Morais MRPT, et al. (2022) Kidney organoids recapitulate human basement membrane assembly in health and disease. eLife, 11.

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

Chung H, et al. (2022) Infecting kidney organoids with a cDNA reporter clone of SARS-CoV-2. STAR protocols, 3(3), 101617.

Garreta E, et al. (2022) A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells. Cell metabolism, 34(6), 857.

Butt L, et al. (2021) A mathematical estimation of the physical forces driving podocyte detachment. Kidney international, 100(5), 1054.

Butt L, et al. (2020) A molecular mechanism explaining albuminuria in kidney disease. Nature metabolism, 2(5), 461.

Uchimura K, et al. (2020) Human Pluripotent Stem Cell-Derived Kidney Organoids with Improved Collecting Duct Maturation and Injury Modeling. Cell reports, 33(11), 108514.

Monteil V, et al. (2020) Inhibition of SARS-CoV-2 Infections in Engineered Human Tissues Using Clinical-Grade Soluble Human ACE2. Cell, 181(4), 905.

Czerniecki SM, et al. (2018) High-Throughput Screening Enhances Kidney Organoid Differentiation from Human Pluripotent Stem Cells and Enables Automated Multidimensional Phenotyping. Cell stem cell, 22(6), 929.

Wu H, et al. (2018) Comparative Analysis and Refinement of Human PSC-Derived Kidney Organoid Differentiation with Single-Cell Transcriptomics. Cell stem cell, 23(6), 869.