Resource Summary Report

Generated by RRID on Aug 3, 2026

Human Islet-1 Antibody

RRID:AB_2126324
Type: Antibody

Proper Citation

R and D Systems Cat# AF1837, RRID:AB_2126324

Antibody Information

URL: http://antibodyregistry.org/AB_2126324

Proper Citation: R and D Systems Cat# AF1837, RRID:AB_2126324

Target Antigen: Islet-1

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry

Antibody Name: Human Islet-1 Antibody

Description: This polyclonal targets Islet-1

Target Organism: Human

Antibody ID: AB_2126324

Vendor: R and D Systems

Catalog Number: AF1837

Alternative Catalog Numbers: AF1837-SP

Record Creation Time: 20250820T032656+0000

Record Last Update: 20250820T161629+0000

Ratings and Alerts

No rating or validation information has been found for Human Islet-1 Antibody.

No alerts have been found for Human Islet-1 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Rodriguez C, et al. (2026) Protocol for inducing dorsal spinal sensory interneurons from mouse embryonic stem cell-derived neuromesodermal progenitors. STAR protocols, 7(1), 104307.

Gharibi B, et al. (2025) Post-gastrulation amnioids as a stem cell-derived model of human extra-embryonic development. Cell, 188(14), 3757.

Tweedie L, et al. (2025) Modelling a pathological GSX2 variant that selectively alters DNA binding reveals hypomorphic mouse brain defects. Disease models & mechanisms, 18(2).

Günther A, et al. (2025) Morphology and connectivity of retinal horizontal cells in two avian species. Frontiers in cellular neuroscience, 19, 1558605.

Xie H, et al. (2025) Modeling early gastrulation in human blastoids with DNA methylation patterns of natural blastocysts. Cell stem cell, 32(3), 409.

Lall D, et al. (2025) An organ-chip model of sporadic ALS using iPSC-derived spinal cord motor neurons and an integrated blood-brain-like barrier. Cell stem cell, 32(7), 1139.

Lu T, et al. (2024) Decoding transcriptional identity in developing human sensory neurons and organoid modeling. Cell, 187(26), 7374.

Gao C, et al. (2024) Neuromuscular organoids model spinal neuromuscular pathologies in C9orf72 amyotrophic lateral sclerosis. Cell reports, 43(3), 113892.

Alvarez S, et al. (2024) Netrin1 patterns the dorsal spinal cord through modulation of Bmp signaling. Cell reports, 43(11), 114954.

Toma K, et al. (2024) Perivascular neurons instruct 3D vascular lattice formation via neurovascular contact. Cell, 187(11), 2767.

Zhai J, et al. (2023) Neurulation of the cynomolgus monkey embryo achieved from 3D blastocyst culture. Cell, 186(10), 2078.

Balaji V, et al. (2023) Immunohistochemical characterization of bipolar cells in four distantly related avian species. The Journal of comparative neurology, 531(4), 561.

Dark N, et al. (2023) Generation of left ventricle-like cardiomyocytes with improved structural, functional, and metabolic maturity from human pluripotent stem cells. Cell

reports methods, 3(4), 100456.

Workman MJ, et al. (2023) Large-scale differentiation of iPSC-derived motor neurons from ALS and control subjects. Neuron, 111(8), 1191.

Zhou X, et al. (2022) Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. Cell stem cell, 29(2), 328.

Albrecht NE, et al. (2022) Rapid 3D-STORM imaging of diverse molecular targets in tissue. Cell reports methods, 2(7), 100253.

Ehrman JM, et al. (2022) Formation of the Mouse Internal Capsule and Cerebral Peduncle: A Pioneering Role for Striatonigral Axons as Revealed in Isl1 Conditional Mutants. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(16), 3344.

Maruyama K, et al. (2022) The cardiopharyngeal mesoderm contributes to lymphatic vessel development in mouse. eLife, 11.

Yamasaki S, et al. (2022) A Genetic modification that reduces ON-bipolar cells in hESC-derived retinas enhances functional integration after transplantation. iScience, 25(1), 103657.

Gupta S, et al. (2022) In vitro atlas of dorsal spinal interneurons reveals Wnt signaling as a critical regulator of progenitor expansion. Cell reports, 40(3), 111119.