Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

Islet-1 homeobox antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

RRID:AB_528315
Type: Antibody

Proper Citation

(DSHB Cat# 40.2D6, RRID:AB_528315)

Antibody Information

URL: http://antibodyregistry.org/AB_528315

Proper Citation: (DSHB Cat# 40.2D6, RRID:AB_528315)

Target Antigen: Islet-1 homeobox

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Chromatin Immunoprecipitation,FACS,FFPE,Gel Supershift,Immunofluorescence,Immunohistochemistry,Western Blot; Date Deposited: 08/04/1993

Antibody Name: Islet-1 homeobox antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

Description: This monoclonal targets Islet-1 homeobox

Target Organism: Human, Xenopus, Porcine, Rat, Frog, Zebrafish, altricial fish larva, Newt, Vertebrates, Reptile, Planaria, Mouse, Fish, Chicken

Defining Citation:

PMID:1350865, PMID:19607821, PMID:12204249, PMID:16029418, PMID:19379735, PMID:11395004, PMID:18400164, PMID:24882712, PMID:20549713, PMID:16137565, PMID:18716209, PMID:8978605, PMID:24885223, PMID:9006983, PMID:19502415, PMID:21388963, PMID:20018664, PMID:10864957, PMID:18037398, PMID:24838392, PMID:22750943, PMID:23284619, PMID:20437528, PMID:20538044, PMID:19048639, PMID:10500113, PMID:16395690, PMID:1764243, PMID:24009262, PMID:21305616, PMID:16723525, PMID:21293464, PMID:23043799, PMID:22628072, PMID:16797493, PMID:21490060, PMID:24055866, PMID:9915576, PMID:19907983, PMID:24947469, PMID:21795538, PMID:11948917, PMID:22457492, PMID:20702576, PMID:24214099, PMID:21093585, PMID:19098894, PMID:19149881, PMID:24715462, PMID:15811548, PMID:16110501, PMID:23504940, PMID:25214396, PMID:24674670, PMID:10491257, PMID:14757641, PMID:17367776, PMID:8755479, PMID:25028525, PMID:25191843, PMID:21111494, PMID:22750882, PMID:12490564, PMID:22194342, PMID:24487799, PMID:9890440, PMID:24214975, PMID:18072193, PMID:17359964, PMID:24755910, PMID:17475806, PMID:19907988

Antibody ID: AB_528315

Vendor: DSHB

Catalog Number: 40.2D6

Record Creation Time: 20231110T044219+0000

Record Last Update: 20241115T115627+0000

Ratings and Alerts

No rating or validation information has been found for Islet-1 homeobox antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

No alerts have been found for Islet-1 homeobox antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 116 mentions in open access literature.

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

Pross A, et al. (2024) Subpopulations of corticotropin-releasing factor containing neurons and internal circuits in the chicken central extended amygdala. The Journal of comparative

neurology, 532(2), e25569.

Murakami S, et al. (2024) Somatostatin affects GnRH neuronal development and migration and stimulates olfactory-related fiber fasciculation. Developmental neurobiology, 84(1), 3.

Dumoulin A, et al. (2024) A cell-autonomous role for primary cilium-mediated signaling in long-range commissural axon guidance. Development (Cambridge, England), 151(17).

Vieira de Sá R, et al. (2024) ATAXIN-2 intermediate-length polyglutamine expansions elicit ALS-associated metabolic and immune phenotypes. Nature communications, 15(1), 7484.

Cermakova K, et al. (2024) Reactivation of the G1 enhancer landscape underlies core circuitry addiction to SWI/SNF. Nucleic acids research, 52(1), 4.

Lozano D, et al. (2023) Distribution of the transcription factor islet-1 in the central nervous system of nonteleost actinopterygian fish: Relationship with cholinergic and catecholaminergic systems. The Journal of comparative neurology.

Kha CX, et al. (2023) V-ATPase Regulates Retinal Progenitor Cell Proliferation During Eye Regrowth in Xenopus. Journal of ocular pharmacology and therapeutics : the official journal of the Association for Ocular Pharmacology and Therapeutics.

Nakade K, et al. (2023) Efficient selection of knocked-in pluripotent stem cells using a dual cassette cellular elimination system. Cell reports methods, 3(12), 100662.

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

Chi C, et al. (2023) Interferon hyperactivity impairs cardiogenesis in Down syndrome via downregulation of canonical Wnt signaling. iScience, 26(7), 107012.

Fries M, et al. (2023) Pou3f1 orchestrates a gene regulatory network controlling contralateral retinogeniculate projections. Cell reports, 42(8), 112985.

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.

Yusifov E, et al. (2021) Investigating Primary Cilia during Peripheral Nervous System Formation. International journal of molecular sciences, 22(6).

Dumoulin A, et al. (2021) Axon guidance at the spinal cord midline-A live imaging perspective. The Journal of comparative neurology, 529(10), 2517.

Baeriswyl T, et al. (2021) Endoglycan plays a role in axon guidance by modulating cell adhesion. eLife, 10.

Brodie-Kommit J, et al. (2021) Atoh7-independent specification of retinal ganglion cell identity. Science advances, 7(11).

Tsukamoto S, et al. (2021) Generation of two ISL1-tdTomato reporter human induced pluripotent stem cell lines using CRISPR-Cas9 genome editing. Stem cell research, 53, 102363.

López JM, et al. (2020) Pax6 expression highlights regional organization in the adult brain of lungfishes, the closest living relatives of land vertebrates. The Journal of comparative neurology, 528(1), 135.

McEachin ZT, et al. (2020) Chimeric Peptide Species Contribute to Divergent Dipeptide Repeat Pathology in c9ALS/FTD and SCA36. Neuron, 107(2), 292.

Velazco-Cruz L, et al. (2020) SIX2 Regulates Human ? Cell Differentiation from Stem Cells and Functional Maturation In Vitro. Cell reports, 31(8), 107687.