Resource Summary Report

Generated by SPARC SAWG on Aug 17, 2026

Nkx2.2 transcription factor antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

RRID:AB_531794
Type: Antibody

Proper Citation

DSHB Cat# 74.5A5, RRID:AB_531794

Antibody Information

URL: http://antibodyregistry.org/AB_531794

Proper Citation: DSHB Cat# 74.5A5, RRID:AB_531794

Target Antigen: Nkx2.2 transcription factor

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FFPE,Immunofluorescence,Immunohistochemistry,Western Blot; Date Deposited: 02/12/1999
consolidated with AB_2314952, AB_53179 on 02/2018 by curator.

Antibody Name: Nkx2.2 transcription factor antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

Description: This monoclonal targets Nkx2.2 transcription factor

Target Organism: Human, Rat, Mouse, Chicken

Defining Citation: PMID:23332756, PMID:9230312, PMID:24211383, PMID:23224769, PMID:11262237, PMID:22549777, PMID:28253550, PMID:28800946, PMID:12121626, PMID:27668865, PMID:15698615, PMID:19334287, PMID:21750031, PMID:15464286, PMID:11960707, PMID:22521513, PMID:23504940, PMID:20417196, PMID:25960414

Antibody ID: AB_531794

Vendor: DSHB

Catalog Number: 74.5A5

Record Creation Time: 20250819T234858+0000

Record Last Update: 20250820T063043+0000

Ratings and Alerts

- Used for immuno staining assay by the Human Islet Research Network community. Contact(s): Markus Grompe, Philip Streeter, Marcela Brissova - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Nkx2.2 transcription factor antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Yang WS, et al. (2026) Human amygdala-like telencephalic organoids model stress circuitry in assembloid systems. Cell stem cell, 33(7), 1144.

Chen G, et al. (2026) Single-cell multi-omic analyses highlight the essential role of NKX2.2-CLEC16A/endosomal pathway for human pancreatic differentiation and function. Cell reports, 45(2), 116990.

Jang S, et al. (2026) Independent control of neurogenesis and dorsoventral patterning by NKX2-2. Genes & development, 40(5-6), 384.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. Cell reports. Medicine, 6(3), 101986.

Bershteyn M, et al. (2025) Human stem cell-derived GABAergic interneuron development reveals early emergence of subtype diversity and gradual electrochemical maturation. Neuron.

Luo T, et al. (2025) Establishing dorsal-ventral patterning in human neural tube organoids with synthetic organizers. Cell stem cell, 32(7), 1071.

Brooks ER, et al. (2025) GPR161-GLI3 repressor signaling at cilia directs apical constriction and cell fate during cranial neural tube closure. Development (Cambridge, England), 152(24).

Evans LMP, et al. (2024) Human iPSC-derived myelinating organoids and globoid cells to study Krabbe Disease. bioRxiv : the preprint server for biology.

Jang S, et al. (2024) A human-specific progenitor sub-domain extends neurogenesis and increases motor neuron production. Nature neuroscience, 27(10), 1945.

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).

Liu X, et al. (2024) Numb positively regulates Hedgehog signaling at the ciliary pocket. Nature communications, 15(1), 3365.

Evans LMP, et al. (2024) Human iPSC-derived myelinating organoids and globoid cells to study Krabbe disease. PloS one, 19(12), e0314858.

Deska-Gauthier D, et al. (2024) Embryonic temporal-spatial delineation of excitatory spinal V3 interneuron diversity. Cell reports, 43(1), 113635.

Düdükcü Ö, et al. (2024) Molecular diversity and migration of GABAergic neurons in the developing ventral midbrain. iScience, 27(11), 111239.

Li W, et al. (2023) High-throughput screening for myelination promoting compounds using human stem cell-derived oligodendrocyte progenitor cells. iScience, 26(3), 106156.

Fekete CD, et al. (2023) Cleavage of VAMP2/3 Affects Oligodendrocyte Lineage Development in the Developing Mouse Spinal Cord. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(39), 6592.

Rosko LM, et al. (2023) Cerebral Creatine Deficiency Affects the Timing of Oligodendrocyte Myelination. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(7), 1143.

Bershteyn M, et al. (2023) Human pallial MGE-type GABAergic interneuron cell therapy for chronic focal epilepsy. Cell stem cell, 30(10), 1331.

Donovan APA, et al. (2023) Pervasive cortical and white matter anomalies in a mouse model for CHARGE syndrome. Journal of anatomy.

El-Hodiri HM, et al. (2022) Nuclear Factor I in neurons, glia and during the formation of Müller glia-derived progenitor cells in avian, porcine and primate retinas. The Journal of comparative neurology, 530(8), 1213.