

Resource Summary Report

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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 [kravitz2](#) .

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.