Resource Summary Report

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MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

RRID:AB_2145209
Type: Antibody

Proper Citation

(DSHB Cat# 81.5C10, RRID:AB_2145209)

Antibody Information

URL: http://antibodyregistry.org/AB_2145209

Proper Citation: (DSHB Cat# 81.5C10, RRID:AB_2145209)

Target Antigen: MNR2/HB9/Mnx1

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry; Date Deposited: 02/12/1999

Antibody Name: MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

Description: This monoclonal targets MNR2/HB9/Mnx1

Target Organism: mouse, fish, zebrafish, human

Defining Citation:

PMID:22457492, PMID:22549777, PMID:22473852, PMID:23420872, PMID:23946489, PMID:22102158, PMID:19800948, PMID:21112398, PMID:19334287, PMID:19696748, PMID:21945076, PMID:24100213, PMID:22363571, PMID:23578695, PMID:21068056, PMID:22964786, PMID:21144831, PMID:23504940, PMID:20826431, PMID:12150931, PMID:22782721, PMID:22833130, PMID:22007132, PMID:14973289, PMID:21552265, PMID:25179941, PMID:22761584, PMID:17344415, PMID:24744704, PMID:9778248, PMID:24404179, PMID:28800946, PMID:25398950, PMID:12121626, PMID:25191843, PMID:21593306, PMID:22370002, PMID:25383599, PMID:22069185, PMID:25337699, PMID:20553899, PMID:25369423, PMID:22318233, PMID:20197066, PMID:25960414, PMID:23269676

Antibody ID: AB_2145209

Vendor: DSHB

Catalog Number: 81.5C10

Record Creation Time: 20231110T042049+0000

Record Last Update: 20241115T052436+0000

Ratings and Alerts

No rating or validation information has been found for MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

No alerts have been found for MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 78 mentions in open access literature.

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

Cates K, et al. (2025) Fate erasure logic of gene networks underlying direct neuronal conversion of somatic cells by microRNAs. Cell reports, 44(1), 115153.

Lépine S, et al. (2024) Homozygous ALS-linked mutations in TARDBP/TDP-43 lead to hypoactivity and synaptic abnormalities in human iPSC-derived motor neurons. iScience, 27(3), 109166.

Sun Z, et al. (2024) Harnessing developmental dynamics of spinal cord extracellular matrix

improves regenerative potential of spinal cord organoids. Cell stem cell, 31(5), 772.

Zhou L, et al. (2023) Progenitor-derived glia are required for spinal cord regeneration in zebrafish. Development (Cambridge, England), 150(10).

Liu S, et al. (2023) Generation of self-organized autonomic ganglion organoids from fibroblasts. iScience, 26(3), 106241.

Liau ES, et al. (2023) Single-cell transcriptomic analysis reveals diversity within mammalian spinal motor neurons. Nature communications, 14(1), 46.

Linares GR, et al. (2023) SYF2 suppression mitigates neurodegeneration in models of diverse forms of ALS. Cell stem cell, 30(2), 171.

Dady A, et al. (2022) Human spinal cord in vitro differentiation pace is initially maintained in heterologous embryonic environments. eLife, 11.

Pantazis CB, et al. (2022) A reference human induced pluripotent stem cell line for large-scale collaborative studies. Cell stem cell, 29(12), 1685.

Rekler D, et al. (2022) Completion of neural crest cell production and emigration is regulated by retinoic-acid-dependent inhibition of BMP signaling. eLife, 11.

Miguel-Escalada I, et al. (2022) Pancreas agenesis mutations disrupt a lead enhancer controlling a developmental enhancer cluster. Developmental cell, 57(16), 1922.

Letchuman S, et al. (2022) Transcription Factor Hb9 Is Expressed in Glial Cell Lineages in the Developing Mouse Spinal Cord. eNeuro, 9(6).

LaForce GR, et al. (2022) Suppression of premature transcription termination leads to reduced mRNA isoform diversity and neurodegeneration. Neuron, 110(8), 1340.

Closser M, et al. (2022) An expansion of the non-coding genome and its regulatory potential underlies vertebrate neuronal diversity. Neuron, 110(1), 70.

Wind M, et al. (2021) In Vitro Generation of Posterior Motor Neurons from Human Pluripotent Stem Cells. Current protocols, 1(9), e244.

Liu S, et al. (2021) NRF1 association with AUTS2-Polycomb mediates specific gene activation in the brain. Molecular cell, 81(22), 4663.

Temocin O, et al. (2021) Generation of an hiPSC-1 knock-in line expressing TY1-tagged MNX1-protein together with mScarlet. Stem cell research, 56, 102522.

Vandestadt C, et al. (2021) RNA-induced inflammation and migration of precursor neurons initiates neuronal circuit regeneration in zebrafish. Developmental cell, 56(16), 2364.

Zhang K, et al. (2021) UBQLN2-HSP70 axis reduces poly-Gly-Ala aggregates and alleviates behavioral defects in the C9ORF72 animal model. Neuron, 109(12), 1949.

Mangold K, et al. (2021) Highly efficient manipulation of nervous system gene expression with NEPTUNE. Cell reports methods, 1(4).