Resource Summary Report

Generated by dkNET on Aug 16, 2026

neuronal marker (TAG-1) antibody - Yamamoto, M.; University of Tsukuba

RRID:AB_531775
Type: Antibody

Proper Citation

DSHB Cat# 4D7/TAG1, RRID:AB_531775

Antibody Information

URL: http://antibodyregistry.org/AB_531775

Proper Citation: DSHB Cat# 4D7/TAG1, RRID:AB_531775

Target Antigen: neuronal marker (TAG-1)

Host Organism: mouse

Clonality: monoclonal

Comments: consolidated with AB_2315433 on 02/2018 by curator.; Application(s): FFPE,Function Blocking,Immunohistochemistry,Immunoprecipitation,Western Blot; Date Deposited: 02/02/1996

Antibody Name: neuronal marker (TAG-1) antibody - Yamamoto, M.; University of Tsukuba

Description: This monoclonal targets neuronal marker (TAG-1)

Target Organism: rat, mouse

Defining Citation: PMID:19296474, PMID:16964251, PMID:16701205, PMID:22473675, PMID:17492640, PMID:19416878, PMID:14762139, PMID:3272160

Antibody ID: AB_531775

Vendor: DSHB

Catalog Number: 4D7/TAG1

Record Creation Time: 20250819T230650+0000

Record Last Update: 20250820T041955+0000

Ratings and Alerts

No rating or validation information has been found for neuronal marker (TAG-1) antibody - Yamamoto, M.; University of Tsukuba.

No alerts have been found for neuronal marker (TAG-1) antibody - Yamamoto, M.; University of Tsukuba.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Lee W, et al. (2025) Cyclin-dependent kinase inhibitor p18 regulates lineage transitions of excitatory neurons, astrocytes, and interneurons in the mouse cortex. The EMBO journal, 44(2), 382.

Cadilhac C, et al. (2021) Excitatory granule neuron precursors orchestrate laminar localization and differentiation of cerebellar inhibitory interneuron subtypes. Cell reports, 34(13), 108904.

Cheng Y, et al. (2020) NeuroD1 Dictates Tumor Cell Differentiation in Medulloblastoma. Cell reports, 31(12), 107782.

Suter TACS, et al. (2020) TAG-1 Multifunctionality Coordinates Neuronal Migration, Axon Guidance, and Fasciculation. Cell reports, 30(4), 1164.

Bott CJ, et al. (2019) Nestin in immature embryonic neurons affects axon growth cone morphology and Semaphorin3a sensitivity. Molecular biology of the cell, 30(10), 1214.

Baba K, et al. (2018) Gradient-reading and mechano-effector machinery for netrin-1-induced axon guidance. eLife, 7.

Peng J, et al. (2018) Sonic Hedgehog Is a Remotely Produced Cue that Controls Axon Guidance Trans-axonally at a Midline Choice Point. Neuron, 97(2), 326.

Iskusnykh IY, et al. (2018) Preterm birth disrupts cerebellar development by affecting granule cell proliferation program and Bergmann glia. Experimental neurology, 306, 209.

Huang CY, et al. (2017) K+ Channel Kv3.4 Is Essential for Axon Growth by Limiting the Influx of Ca2+ into Growth Cones. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(17), 4433.

Lepelletier L, et al. (2017) Sonic Hedgehog Guides Axons via Zipcode Binding Protein 1-Mediated Local Translation. The Journal of neuroscience : the official journal of the

Society for Neuroscience, 37(7), 1685.

Onishi K, et al. (2017) Sonic Hedgehog switches on Wnt/planar cell polarity signaling in commissural axon growth cones by reducing levels of Shisa2. eLife, 6.

Wang L, et al. (2017) Nogo-B is the major form of Nogo at the floor plate and likely mediates crossing of commissural axons in the mouse spinal cord. The Journal of comparative neurology, 525(13), 2915.