

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

Human/Mouse/Rat Contactin-2/TAG1 Antibody

RRID:AB_2044647

Type: Antibody

Proper Citation

R and D Systems Cat# AF4439, RRID:AB_2044647

Antibody Information

URL: http://antibodyregistry.org/AB_2044647

Proper Citation: R and D Systems Cat# AF4439, RRID:AB_2044647

Target Antigen: Contactin-2/TAG1

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry

Antibody Name: Human/Mouse/Rat Contactin-2/TAG1 Antibody

Description: This polyclonal targets Contactin-2/TAG1

Target Organism: Human, Rat, Mouse

Antibody ID: AB_2044647

Vendor: R and D Systems

Catalog Number: AF4439

Alternative Catalog Numbers: AF4439-SP

Record Creation Time: 20250820T035734+0000

Record Last Update: 20250820T173904+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse/Rat Contactin-2/TAG1 Antibody.

No alerts have been found for Human/Mouse/Rat Contactin-2/TAG1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Jiménez-Amilburu V, et al. (2026) Arhgef7 is essential for granule cell precursor proliferation and migration during cerebellum development. *iScience*, 29(2), 114580.

Khot B, et al. (2025) miR-219a-Robo1 axis acts as a conserved switch for slit-mediated commissural axon guidance. *iScience*, 28(12), 114242.

Zhang W, et al. (2025) A hierarchy of PDZ domain scaffolding proteins clusters the Kv1 K+ channel protein complex at the axon initial segment. *Science advances*, 11(21), eadv1281.

Dolique T, et al. (2025) A central role for Numb/Nbl in multiple Shh-mediated axon repulsion processes. *iScience*, 28(5), 112293.

Yu H, et al. (2024) A human fetal cerebellar map of the late second trimester reveals developmental molecular characteristics and abnormality in trisomy 21. *Cell reports*, 43(8), 114586.

Tabata H, et al. (2023) Histological Analysis of a Mouse Model of the 22q11.2 Microdeletion Syndrome. *Biomolecules*, 13(5).

Blain R, et al. (2023) A tridimensional atlas of the developing human head. *Cell*, 186(26), 5910.

Sauve F, et al. (2023) Long-COVID cognitive impairments and reproductive hormone deficits in men may stem from GnRH neuronal death. *EBioMedicine*, 96, 104784.

Jacobi A, et al. (2022) Overlapping transcriptional programs promote survival and axonal regeneration of injured retinal ganglion cells. *Neuron*, 110(16), 2625.

Alçada-Morais S, et al. (2021) Adenosine A2A Receptors Contribute to the Radial Migration of Cortical Projection Neurons through the Regulation of Neuronal Polarization and Axon Formation. *Cerebral cortex (New York, N.Y. : 1991)*, 31(12), 5652.

Van Battum E, et al. (2021) Plexin-B2 controls the timing of differentiation and the motility of cerebellar granule neurons. *eLife*, 10.

Patmore DM, et al. (2020) DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. *Developmental cell*, 54(4), 455.

Choi BR, et al. (2020) GDE2-Dependent Activation of Canonical Wnt Signaling in Neurons Regulates Oligodendrocyte Maturation. *Cell reports*, 31(5), 107540.

Kaur N, et al. (2020) Neural Stem Cells Direct Axon Guidance via Their Radial Fiber Scaffold. *Neuron*, 107(6), 1197.

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

Skarlatou S, et al. (2020) Afadin Signaling at the Spinal Neuroepithelium Regulates Central Canal Formation and Gait Selection. *Cell reports*, 31(10), 107741.

Wu Z, et al. (2019) Long-Range Guidance of Spinal Commissural Axons by Netrin1 and Sonic Hedgehog from Midline Floor Plate Cells. *Neuron*, 101(4), 635.

Ferent J, et al. (2019) Boc Acts via Numb as a Shh-Dependent Endocytic Platform for Ptch1 Internalization and Shh-Mediated Axon Guidance. *Neuron*, 102(6), 1157.

Tai Y, et al. (2019) Axo-axonic Innervation of Neocortical Pyramidal Neurons by GABAergic Chandelier Cells Requires AnkyrinG-Associated L1CAM. *Neuron*, 102(2), 358.

Tulloch AJ, et al. (2019) Diverse spinal commissural neuron populations revealed by fate mapping and molecular profiling using a novel Robo3Cre mouse. *The Journal of comparative neurology*, 527(18), 2948.