Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

Anti-Ankyrin-G (Staining) Antibody

RRID:AB_10697718
Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 73-146, RRID:AB_10697718)

Antibody Information

URL: http://antibodyregistry.org/AB_10697718

Proper Citation: (Antibodies Incorporated Cat# 73-146, RRID:AB_10697718)

Target Antigen: Ankyrin-G (staining) scaffold protein

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC, IHC
Validation status: IF or IB (Pass), IB in brain (Fail), IHC in brain (Pass), KO (ND)
This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-146, RRID:AB_10673030), supernatant (Antibodies Incorporated, Cat# 73-146, RRID:AB_10697718), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N106/36, RRID:AB_2877524)

Antibody Name: Anti-Ankyrin-G (Staining) Antibody

Description: This monoclonal targets Ankyrin-G (staining) scaffold protein

Target Organism: feline, rat, hamster, mouse, human

Clone ID: N106/36

Antibody ID: AB_10697718

Vendor: Antibodies Incorporated

Catalog Number: 73-146

Record Creation Time: 20231110T070151+0000

Record Last Update: 20241114T233605+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Ankyrin-G (Staining) Antibody.

No alerts have been found for Anti-Ankyrin-G (Staining) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Abreo TJ, et al. (2025) Plural molecular and cellular mechanisms of pore domain KCNQ2 encephalopathy. eLife, 13.

Joost S, et al. (2022) Cuprizone Intoxication Results in Myelin Vacuole Formation. Frontiers in cellular neuroscience, 16, 709596.

Stevens SR, et al. (2022) Ankyrin-R Links Kv3.3 to the Spectrin Cytoskeleton and Is Required for Purkinje Neuron Survival. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(1), 2.

Stevens SR, et al. (2021) Ankyrin-R regulates fast-spiking interneuron excitability through perineuronal nets and Kv3.1b K+ channels. eLife, 10.

De Pace R, et al. (2020) Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. Cell reports, 31(11), 107775.

Boccalaro IL, et al. (2019) Cell type-specific distribution of GABAA receptor subtypes in the mouse dorsal striatum. The Journal of comparative neurology, 527(12), 2030.

Nathanson AJ, et al. (2019) Identification of a Core Amino Acid Motif within the ? Subunit of GABAARs that Promotes Inhibitory Synaptogenesis and Resilience to Seizures. Cell reports, 28(3), 670.

D'Souza RD, et al. (2019) Spatial Clustering of Inhibition in Mouse Primary Visual Cortex.

Neuron, 104(3), 588.

Bakkum DJ, et al. (2019) The Axon Initial Segment is the Dominant Contributor to the Neuron's Extracellular Electrical Potential Landscape. Advanced biosystems, 3(2), e1800308.

Wang CC, et al. (2018) ?IV Spectrinopathies Cause Profound Intellectual Disability, Congenital Hypotonia, and Motor Axonal Neuropathy. American journal of human genetics, 102(6), 1158.

Abernathy DG, et al. (2017) MicroRNAs Induce a Permissive Chromatin Environment that Enables Neuronal Subtype-Specific Reprogramming of Adult Human Fibroblasts. Cell stem cell, 21(3), 332.

Serwanski DR, et al. (2017) Heterogeneity of astrocyte and NG2 cell insertion at the node of ranvier. The Journal of comparative neurology, 525(3), 535.

Ottolini M, et al. (2017) Aberrant Sodium Channel Currents and Hyperexcitability of Medial Entorhinal Cortex Neurons in a Mouse Model of SCN8A Encephalopathy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(32), 7643.

Yang S, et al. (2016) ?-Arrestin-Dependent Dopaminergic Regulation of Calcium Channel Activity in the Axon Initial Segment. Cell reports, 16(6), 1518.

Gong B, et al. (2016) Developing high-quality mouse monoclonal antibodies for neuroscience research - approaches, perspectives and opportunities. New biotechnology, 33(5 Pt A), 551.

Jones SL, et al. (2014) Axon initial segment cytoskeleton comprises a multiprotein submembranous coat containing sparse actin filaments. The Journal of cell biology, 205(1), 67.

Amor V, et al. (2014) Long-term maintenance of Na+ channels at nodes of Ranvier depends on glial contact mediated by gliomedin and NrCAM. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(15), 5089.

Li Q, et al. (2014) The splicing regulator PTBP2 controls a program of embryonic splicing required for neuronal maturation. eLife, 3, e01201.

Barry J, et al. (2014) Ankyrin-G directly binds to kinesin-1 to transport voltage-gated Na+ channels into axons. Developmental cell, 28(2), 117.

Kirizs T, et al. (2014) Distinct axo-somato-dendritic distributions of three potassium channels in CA1 hippocampal pyramidal cells. The European journal of neuroscience, 39(11), 1771.