

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Anti-Ankyrin-G (Staining) Antibody

RRID:AB_10673030

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-146, RRID:AB_10673030

Antibody Information

URL: http://antibodyregistry.org/AB_10673030

Proper Citation: Antibodies Incorporated Cat# 75-146, RRID:AB_10673030

Target Antigen: Ankyrin-G (Staining)

Host Organism: mouse

Clonality: monoclonal

Comments:

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)

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

Clone ID: N106/36

Antibody ID: AB_10673030

Vendor: Antibodies Incorporated

Catalog Number: 75-146

Record Creation Time: 20250820T000720+0000

Record Last Update: 20250820T072546+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 68 mentions in open access literature.

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

Riquelme D, et al. (2025) Long-term muscarinic inhibition increases intrinsic excitability through the upregulation of A-type potassium currents in cortical neurons. *Frontiers in cell and developmental biology*, 13, 1570424.

Shelby JN, et al. (2025) Endoplasmic Reticulum Stress Mediates Axon Initial Segment Shortening: Implications for Diabetic Brain Complications. *Journal of molecular neuroscience* : MN, 76(1), 1.

Xie M, et al. (2025) Rod-shaped microglia interact with neuronal dendrites to attenuate cortical excitability during TDP-43-related neurodegeneration. *Immunity*.

Sert O, et al. (2024) Postsynaptic β 1 spectrin maintains Na⁺ channels at the neuromuscular junction. *The Journal of physiology*, 602(6), 1127.

Escobedo G, et al. (2024) An evolutionarily conserved AnkyrinG-dependent motif clusters axonal K2P K⁺ channels. *The Journal of cell biology*, 223(10).

Ogawa Y, et al. (2023) Antibody-directed extracellular proximity biotinylation reveals Contactin-1 regulates axo-axonic innervation of axon initial segments. *bioRxiv* : the preprint server for biology.

Shiers S, et al. (2023) Na V 1.7 mRNA and protein expression in putative projection neurons of the human spinal dorsal horn. *bioRxiv* : the preprint server for biology.

Yoon S, et al. (2023) Early developmental deletion of forebrain Ank2 causes seizure-related phenotypes by reshaping the synaptic proteome. *Cell reports*, 42(7), 112784.

Ruiz SA, et al. (2023) Contextual fear response is modulated by M-type K⁺ channels and is associated with subtle structural changes of the axon initial segment in hippocampal GABAergic neurons. *AIMS neuroscience*, 10(1), 33.

Ogawa Y, et al. (2023) Antibody-directed extracellular proximity biotinylation reveals that Contactin-1 regulates axo-axonic innervation of axon initial segments. *Nature communications*, 14(1), 6797.

Harley P, et al. (2023) Aberrant axon initial segment plasticity and intrinsic excitability of ALS hiPSC motor neurons. *Cell reports*, 42(12), 113509.

Wienbar S, et al. (2022) Differences in spike generation instead of synaptic inputs determine the feature selectivity of two retinal cell types. *Neuron*, 110(13), 2110.

Liu H, et al. (2022) Direct Observation of Compartment-Specific Localization and Dynamics of Voltage-Gated Sodium Channels. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(28), 5482.

Boal AM, et al. (2022) Sensitivity to extracellular potassium underlies type-intrinsic differences in retinal ganglion cell excitability. *Frontiers in cellular neuroscience*, 16, 966425.

Kim EJ, et al. (2021) Structural Refinement of the Auditory Brainstem Neurons in Baboons During Perinatal Development. *Frontiers in cellular neuroscience*, 15, 648562.

Riquelme D, et al. (2021) TRPM4 Expression During Postnatal Developmental of Mouse CA1 Pyramidal Neurons. *Frontiers in neuroanatomy*, 15, 643287.

Cross JA, et al. (2021) Fragment-linking peptide design yields a high-affinity ligand for microtubule-based transport. *Cell chemical biology*, 28(9), 1347.

Di Re J, et al. (2021) Inhibition of AKT Signaling Alters β IV Spectrin Distribution at the AIS and Increases Neuronal Excitability. *Frontiers in molecular neuroscience*, 14, 643860.

Chang CW, et al. (2021) Tau reduction affects excitatory and inhibitory neurons differently, reduces excitation/inhibition ratios, and counteracts network hypersynchrony. *Cell reports*, 37(3), 109855.

Suter TACS, et al. (2021) Utilizing mouse optic nerve crush to examine CNS remyelination. *STAR protocols*, 2(3), 100796.