

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Anti-Ankyrin-G (Staining) Antibody

RRID:AB_10675130

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-147, RRID:AB_10675130

Antibody Information

URL: http://antibodyregistry.org/AB_10675130

Proper Citation: Antibodies Incorporated Cat# 75-147, RRID:AB_10675130

Target Antigen: Ankyrin-G (Staining)

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# 75-147, RRID:AB_10675130), supernatant (Antibodies Incorporated, Cat# 73-147, RRID:AB_10673449), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N106/65, RRID:AB_2877525)

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

Description: This monoclonal targets Ankyrin-G (Staining)

Target Organism: rat, mouse, human

Clone ID: N106/65

Antibody ID: AB_10675130

Vendor: Antibodies Incorporated

Catalog Number: 75-147

Record Creation Time: 20250819T223648+0000

Record Last Update: 20250820T024500+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 13 mentions in open access literature.

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

Springer K, et al. (2025) Mislocalization of KCNQ2 Channels as a Pathogenic Mechanism in KCNQ2 Developmental and Epileptic Encephalopathy. The Journal of neuroscience : the official journal of the Society for Neuroscience.

Rentsch J, et al. (2024) Sub-membrane actin rings compartmentalize the plasma membrane. The Journal of cell biology, 223(4).

Falahati H, et al. (2024) Ectopic reconstitution of a spine-apparatus-like structure provides insight into mechanisms underlying its formation. Current biology : CB.

Extr  met J, et al. (2023) Rescue of Normal Excitability in LGI1-Deficient Epileptic Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(50), 8596.

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.

Ogawa Y, et al. (2021) Endogenously expressed Ranbp2 is not at the axon initial segment. Journal of cell science, 134(6).

Liu CH, et al. (2020) ? spectrin-dependent and domain specific mechanisms for Na⁺ channel clustering. eLife, 9.

Torii T, et al. (2020) NuMA1 promotes axon initial segment assembly through inhibition of endocytosis. The Journal of cell biology, 219(2).

Hamdan H, et al. (2020) Mapping axon initial segment structure and function by multiplexed proximity biotinylation. Nature communications, 11(1), 100.

Galliano E, et al. (2018) Embryonic and postnatal neurogenesis produce functionally distinct subclasses of dopaminergic neuron. eLife, 7.

Kirmiz M, et al. (2018) Remodeling neuronal ER-PM junctions is a conserved nonconducting function of Kv2 plasma membrane ion channels. Molecular biology of the

cell, 29(20), 2410.

Amor V, et al. (2017) The paranodal cytoskeleton clusters Na⁺ channels at nodes of Ranvier. eLife, 6.

Jensen CS, et al. (2017) Trafficking of Kv2.1 Channels to the Axon Initial Segment by a Novel Nonconventional Secretory Pathway. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(48), 11523.