

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

Anti-Ankyrin G

RRID:AB_2725774

Type: Antibody

Proper Citation

Synaptic Systems Cat# 386 004, RRID:AB_2725774

Antibody Information

URL: http://antibodyregistry.org/AB_2725774

Proper Citation: Synaptic Systems Cat# 386 004, RRID:AB_2725774

Target Antigen: Ankyrin G

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB,ICC,IHC,IHC-P

Antibody Name: Anti-Ankyrin G

Description: This polyclonal targets Ankyrin G

Target Organism: Rat, Mouse

Antibody ID: AB_2725774

Vendor: Synaptic Systems

Catalog Number: 386 004

Record Creation Time: 20250819T220330+0000

Record Last Update: 20250820T005818+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Ankyrin G.

No alerts have been found for Anti-Ankyrin G.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Casotto A, et al. (2025) Mapping spatial organization of in vitro neuronal networks using high-content imaging. Scientific reports, 16(1), 88.

Veruki ML, et al. (2025) Activation of Dopamine D1 Receptors at the Axon Initial Segment-Like Process of Retinal All Amacrine Cells Modulates Action Potential Firing. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(33).

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

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. bioRxiv : the preprint server for biology.

Schwarz JR, et al. (2024) Purkinje cell hyperexcitability and depressive-like behavior in mice lacking erg3 (ether-à-go-go-related gene) K⁺ channel subunits. Science advances, 10(40), eadn6836.

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

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. Nature communications, 15(1), 10865.

Liu T, et al. (2021) The amyloid precursor protein is a conserved Wnt receptor. eLife, 10.

Liu JH, et al. (2021) Morphological properties of the axon initial segment-like process of All amacrine cells in the rat retina. The Journal of comparative neurology, 529(16), 3593.

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