

Resource Summary Report

Generated by [RRID](#) on Jul 28, 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 9 mentions in open access literature.

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

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

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

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

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

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.

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

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.

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

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