

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

KCNQ2 antibody

RRID:AB_775890

Type: Antibody

Proper Citation

Abcam Cat# ab22897, RRID:AB_775890

Antibody Information

URL: http://antibodyregistry.org/AB_775890

Proper Citation: Abcam Cat# ab22897, RRID:AB_775890

Target Antigen: KCNQ2

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Western Blot; Immunocytochemistry/Immunofluorescence, Western Blot

Antibody Name: KCNQ2 antibody

Description: This polyclonal targets KCNQ2

Target Organism: rat, mouse, human

Antibody ID: AB_775890

Vendor: Abcam

Catalog Number: ab22897

Record Creation Time: 20231110T043405+0000

Record Last Update: 20260830T000734+0000

Ratings and Alerts

No rating or validation information has been found for KCNQ2 antibody.

No alerts have been found for KCNQ2 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Butler J, et al. (2026) Activity-dependent CO₂ production in the axon triggers opening of Connexin32 in the Schwann cell paranode. eLife, 14.

de La Cruz L, et al. (2024) Sympathetic motor neuron dysfunction is a missing link in age-associated sympathetic overactivity. eLife, 12.

Chuinsiri N, et al. (2024) Calcium-sensing receptor regulates Kv7 channels via Gi/o protein signalling and modulates excitability of human induced pluripotent stem cell-derived nociceptive-like neurons. British journal of pharmacology, 181(15), 2676.

Oh H, et al. (2023) Kv7/KCNQ potassium channels in cortical hyperexcitability and juvenile seizure-related death in Ank2-mutant mice. Nature communications, 14(1), 3547.

de la Cruz L, et al. (2023) Sympathetic Motor Neuron Dysfunction is a Missing Link in Age-Associated Sympathetic Overactivity. bioRxiv : the preprint server for biology.

Rodrigues DC, et al. (2020) Shifts in Ribosome Engagement Impact Key Gene Sets in Neurodevelopment and Ubiquitination in Rett Syndrome. Cell reports, 30(12), 4179.

Galvin VC, et al. (2020) Muscarinic M1 Receptors Modulate Working Memory Performance and Activity via KCNQ Potassium Channels in the Primate Prefrontal Cortex. Neuron, 106(4), 649.

Vivas O, et al. (2019) Niemann-Pick Type C Disease Reveals a Link between Lysosomal Cholesterol and PtdIns(4,5)P₂ That Regulates Neuronal Excitability. Cell reports, 27(9), 2636.