Resource Summary Report

Generated by RRID on Aug 6, 2026

Anti-Kv1.2 K+ Channel Antibody

RRID:AB_2296313
Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-008, RRID:AB_2296313

Antibody Information

URL: http://antibodyregistry.org/AB_2296313

Proper Citation: Antibodies Incorporated Cat# 75-008, RRID:AB_2296313

Target Antigen: Kv1.2 K+ channel

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, IP, KO, WB
Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (Pass)
This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-008, RRID:AB_2296313), supernatant (Antibodies Incorporated, Cat# 73-008, RRID:AB_10674277), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K14/16, RRID:AB_2877295)

Antibody Name: Anti-Kv1.2 K+ Channel Antibody

Description: This monoclonal targets Kv1.2 K+ channel

Target Organism: rat, mouse, human

Clone ID: K14/16

Antibody ID: AB_2296313

Vendor: Antibodies Incorporated

Catalog Number: 75-008

Record Creation Time: 20250820T033205+0000

Record Last Update: 20250820T163022+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Kv1.2 K+ Channel Antibody.

No alerts have been found for Anti-Kv1.2 K+ Channel Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Miyazaki Y, et al. (2024) Oligodendrocyte-derived LGI3 and its receptor ADAM23 organize juxtaparanodal Kv1 channel clustering for short-term synaptic plasticity. Cell reports, 43(1), 113634.

Elbaz B, et al. (2024) The bone transcription factor Osterix controls extracellular matrix- and node of Ranvier-related gene expression in oligodendrocytes. Neuron, 112(2), 247.

Merseburg A, et al. (2022) Seizures, behavioral deficits, and adverse drug responses in two new genetic mouse models of HCN1 epileptic encephalopathy. eLife, 11.

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

Kuijpers M, et al. (2021) Neuronal Autophagy Regulates Presynaptic Neurotransmission by Controlling the Axonal Endoplasmic Reticulum. Neuron, 109(2), 299.

Yokoi N, et al. (2021) 14-3-3 proteins stabilize LGI1-ADAM22 levels to regulate seizure thresholds in mice. Cell reports, 37(11), 110107.

Lieberman OJ, et al. (2020) Cell-type-specific regulation of neuronal intrinsic excitability by macroautophagy. eLife, 9.

Sanders SS, et al. (2020) The palmitoyl acyltransferase ZDHHC14 controls Kv1-family potassium channel clustering at the axon initial segment. eLife, 9.

Liu CH, et al. (2020) Nodal ? spectrins are required to maintain Na+ channel clustering and axon integrity. eLife, 9.

Zheng Y, et al. (2019) Deep Sequencing of Somatosensory Neurons Reveals Molecular Determinants of Intrinsic Physiological Properties. Neuron, 103(4), 598.

Saifetiarova J, et al. (2019) Ablation of cytoskeletal scaffolding proteins, Band 4.1B and Whirlin, leads to cerebellar purkinje axon pathology and motor dysfunction. Journal of neuroscience research, 97(3), 313.

Griggs RB, et al. (2018) Methylglyoxal Disrupts Paranodal Axoglial Junctions via Calpain Activation. ASN neuro, 10, 1759091418766175.

Taylor AM, et al. (2018) Simultaneous Ablation of Neuronal Neurofascin and Ankyrin G in Young and Adult Mice Reveals Age-Dependent Increase in Nodal Stability in Myelinated Axons and Differential Effects on the Lifespan. eNeuro, 5(3).

Lieberman OJ, et al. (2018) Dopamine Triggers the Maturation of Striatal Spiny Projection Neuron Excitability during a Critical Period. Neuron, 99(3), 540.

Susuki K, et al. (2018) Glial ?II Spectrin Contributes to Paranode Formation and Maintenance. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(27), 6063.

Dawes JM, et al. (2018) Immune or Genetic-Mediated Disruption of CASPR2 Causes Pain Hypersensitivity Due to Enhanced Primary Afferent Excitability. Neuron, 97(4), 806.

Nguyen LH, et al. (2018) mTOR-dependent alterations of Kv1.1 subunit expression in the neuronal subset-specific Pten knockout mouse model of cortical dysplasia with epilepsy. Scientific reports, 8(1), 3568.

Seagar M, et al. (2017) LGI1 tunes intrinsic excitability by regulating the density of axonal Kv1 channels. Proceedings of the National Academy of Sciences of the United States of America, 114(29), 7719.

Saifetiarova J, et al. (2017) Axonal domain disorganization in Caspr1 and Caspr2 mutant myelinated axons affects neuromuscular junction integrity, leading to muscle atrophy. Journal of neuroscience research, 95(7), 1373.

Huang CY, et al. (2017) ?II Spectrin Forms a Periodic Cytoskeleton at the Axon Initial Segment and Is Required for Nervous System Function. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(47), 11311.