Resource Summary Report

Generated by RRID on Aug 5, 2026

Anti-Kv2.1 K+ Channel Antibody

RRID:AB_10673392
Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-014, RRID:AB_10673392

Antibody Information

URL: http://antibodyregistry.org/AB_10673392

Proper Citation: Antibodies Incorporated Cat# 75-014, RRID:AB_10673392

Target Antigen: Kv2.1 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# 75-014, RRID:AB_10673392), supernatant (Antibodies Incorporated, Cat# 73-014, RRID:AB_10672253), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K89/34, RRID:AB_2877280)

Antibody Name: Anti-Kv2.1 K+ Channel Antibody

Description: This monoclonal targets Kv2.1 K+ channel

Target Organism: rat, mouse, human

Clone ID: K89/34

Antibody ID: AB_10673392

Vendor: Antibodies Incorporated

Catalog Number: 75-014

Record Creation Time: 20250820T014641+0000

Record Last Update: 20250820T115003+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Kv2.1 K+ Channel Antibody.

No alerts have been found for Anti-Kv2.1 K+ Channel Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Vanspauwen SK, et al. (2025) A correlation-based tool for quantifying membrane periodic skeleton associated periodicity. Frontiers in neuroinformatics, 19, 1628538.

Pagiazitis JG, et al. (2025) Catecholaminergic dysfunction drives postural and locomotor deficits in a mouse model of spinal muscular atrophy. Cell reports, 44(1), 115147.

Kang SK, et al. (2024) Altered neurological and neurobehavioral phenotypes in a mouse model of the recurrent KCNB1-p.R306C voltage-sensor variant. Neurobiology of disease, 194, 106470.

Biro L, et al. (2023) Post-weaning social isolation in male mice leads to abnormal aggression and disrupted network organization in the prefrontal cortex: Contribution of parvalbumin interneurons with or without perineuronal nets. Neurobiology of stress, 25, 100546.

Cserép C, et al. (2022) Microglial control of neuronal development via somatic purinergic junctions. Cell reports, 40(12), 111369.

Inamdar SM, et al. (2022) Differential impact of Kv8.2 loss on rod and cone signaling and degeneration. Human molecular genetics, 31(7), 1035.

Hawkins NA, et al. (2021) Epilepsy and neurobehavioral abnormalities in mice with a dominant-negative KCNB1 pathogenic variant. Neurobiology of disease, 147, 105141.

Muñoz Y, et al. (2021) Light microscopic and heterogeneity analysis of astrocytes in the common marmoset brain. Journal of neuroscience research, 99(12), 3121.

Zhou L, et al. (2021) Transient receptor potential vanilloid 4 activation inhibits the delayed rectifier potassium channels in hippocampal pyramidal neurons: An implication in pathological changes following pilocarpine-induced status epilepticus. Journal of neuroscience research, 99(3), 914.

Holderith N, et al. (2020) A High-Resolution Method for Quantitative Molecular Analysis of Functionally Characterized Individual Synapses. Cell reports, 32(4), 107968.

Shemesh OA, et al. (2020) Precision Calcium Imaging of Dense Neural Populations via a Cell-Body-Targeted Calcium Indicator. Neuron, 107(3), 470.

Nishino K, et al. (2019) Mice deficient in the C-terminal domain of TAR DNA-binding protein 43 develop age-dependent motor dysfunction associated with impaired Notch1-Akt signaling pathway. Acta neuropathologica communications, 7(1), 118.

Berger SL, et al. (2018) Localized Myosin II Activity Regulates Assembly and Plasticity of the Axon Initial Segment. Neuron, 97(3), 555.

Gayet-Primo J, et al. (2018) Heteromeric KV2/KV8.2 Channels Mediate Delayed Rectifier Potassium Currents in Primate Photoreceptors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(14), 3414.

Chao RY, et al. (2018) Defective trafficking of Kv2.1 channels in MPTP-induced nigrostriatal degeneration. Journal of neurochemistry, 144(4), 483.

Szoboszlay M, et al. (2017) Objective quantification of nanoscale protein distributions. Scientific reports, 7(1), 15240.