Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

Anti-Kv1.1 K+ Channel (External) Antibody

RRID:AB_2128566
Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 75-105, RRID:AB_2128566)

Antibody Information

URL: http://antibodyregistry.org/AB_2128566

Proper Citation: (Antibodies Incorporated Cat# 75-105, RRID:AB_2128566)

Target Antigen: Kv1.1 K+ channel (external)

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# 75-105, RRID:AB_2128566), supernatant (Antibodies Incorporated, Cat# 73-105, RRID:AB_10673166), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K36/15, RRID:AB_2877294)

Antibody Name: Anti-Kv1.1 K+ Channel (External) Antibody

Description: This monoclonal targets Kv1.1 K+ channel (external)

Target Organism: rat, mouse

Clone ID: K36/15

Antibody ID: AB_2128566

Vendor: Antibodies Incorporated

Catalog Number: 75-105

Record Creation Time: 20231110T070457+0000

Record Last Update: 20241114T224959+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Kv1.1 K+ Channel (External) Antibody.

No alerts have been found for Anti-Kv1.1 K+ Channel (External) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

Chou SM, et al. (2021) Kv1.1 channels regulate early postnatal neurogenesis in mouse hippocampus via the TrkB signaling pathway. eLife, 10.

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

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

Klingseisen A, et al. (2019) Oligodendrocyte Neurofascin Independently Regulates Both Myelin Targeting and Sheath Growth in the CNS. Developmental cell, 51(6), 730.

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.

Amor V, et al. (2017) The paranodal cytoskeleton clusters Na+ channels at nodes of Ranvier. eLife, 6.

Kadam PD, et al. (2016) Erratum to: Rectocutaneous fistula with transmigration of the suture: a rare delayed complication of vault fixation with the sacrospinous ligament. International urogynecology journal, 27(3), 505.

Liu Q, et al. (2014) Heterogeneous intrinsic excitability of murine spiral ganglion neurons is determined by Kv1 and HCN channels. Neuroscience, 257, 96.

Desmazieres A, et al. (2014) Differential stability of PNS and CNS nodal complexes when neuronal neurofascin is lost. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(15), 5083.

Kirizs T, et al. (2014) Distinct axo-somato-dendritic distributions of three potassium channels in CA1 hippocampal pyramidal cells. The European journal of neuroscience, 39(11), 1771.

Zhao J, et al. (2013) Spinocerebellar ataxia-13 Kv3.3 potassium channels: arginine-to-histidine mutations affect both functional and protein expression on the cell surface. The Biochemical journal, 454(2), 259.

Sosanya NM, et al. (2013) Degradation of high affinity HuD targets releases Kv1.1 mRNA from miR-129 repression by mTORC1. The Journal of cell biology, 202(1), 53.

Lallet-Daher H, et al. (2013) Potassium channel KCNA1 modulates oncogene-induced senescence and transformation. Cancer research, 73(16), 5253.

Campanac E, et al. (2013) Enhanced intrinsic excitability in basket cells maintains excitatory-inhibitory balance in hippocampal circuits. Neuron, 77(4), 712.

Menegola M, et al. (2012) The importance of immunohistochemical analyses in evaluating the phenotype of Kv channel knockout mice. Epilepsia, 53 Suppl 1(Suppl 1), 142.

Irani SR, et al. (2012) Morvan syndrome: clinical and serological observations in 29 cases. Annals of neurology, 72(2), 241.

Bildl W, et al. (2012) Extending the dynamic range of label-free mass spectrometric quantification of affinity purifications. Molecular & cellular proteomics : MCP, 11(2), M111.007955.

Giacomini C, et al. (2011) Both Schwann cell and axonal defects cause motor peripheral neuropathy in Ebf2-/- mice. Neurobiology of disease, 42(1), 73.