

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

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: 20250819T211003+0000

Record Last Update: 20250819T220358+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 10 mentions in open access literature.

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

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

Moissidis M, et al. (2025) A postnatal molecular switch drives activity-dependent maturation of parvalbumin interneurons. *Cell*.

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.