

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

Kv1.4 potassium channel

RRID:AB_10673576

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 73-010, RRID:AB_10673576

Antibody Information

URL: http://antibodyregistry.org/AB_10673576

Proper Citation: Antibodies Incorporated Cat# 73-010, RRID:AB_10673576

Target Antigen: Kv1.4 potassium channel

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, IP, WB

Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (ND)

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-010, RRID:AB_2249726), supernatant (Antibodies Incorporated, Cat# 73-010, RRID:AB_10673576), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K13/31, RRID:AB_2877317)

Antibody Name: Kv1.4 potassium channel

Description: This monoclonal targets Kv1.4 potassium channel

Clone ID: K13/31

Antibody ID: AB_10673576

Vendor: Antibodies Incorporated

Catalog Number: 73-010

Record Creation Time: 20231110T070444+0000

Record Last Update: 20260831T201830+0000

Ratings and Alerts

No rating or validation information has been found for Kv1.4 potassium channel.

No alerts have been found for Kv1.4 potassium channel.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Luan L, et al. (2026) Cullin-3 adaptor SHKBP1 inhibits SQSTM1/p62 oligomerization and Keap1 sequestration. The Journal of cell biology, 225(4).

Yang L, et al. (2026) Inducing physiological polarity and performing gene editing using CRISPR-Cas9 in human trophoblast organoids. Nature protocols.

Wang J, et al. (2026) Adipocyte-derived extracellular vesicles are key regulators of central leptin sensitivity and energy homeostasis. Cell metabolism, 38(1), 82.

Ikeda T, et al. (2025) HUWE1 stimulates mTORC1 activity by enhancing Rheb interaction with mTORC1 and supports de novo pyrimidine synthesis. Cell reports, 44(10), 116382.

Perry S, et al. (2025) Epigenetic manipulation of anterior insular cortex alters neural signals and cognitive control. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology.

Geng L, et al. (2025) The N^ε-acetyl-L-lysine/Loxl2/H₂O₂ promotes intestinal tumor growth in Drosophila and cell proliferation in human colorectal cancer. Cell reports, 44(8), 116126.

Yao Y, et al. (2025) The Cullin3-Rbx1-KLHL9 E3 ubiquitin ligase complex ubiquitinates Rheb and supports amino acid-induced mTORC1 activation. Cell reports, 44(1), 115101.

He Z, et al. (2025) A base editor facilitates simultaneous purine and pyrimidine substitutions for ex vivo and in vivo mutagenesis screens. Cell chemical biology.

Parichha A, et al. (2025) An evolutionarily conserved role for CTNNB1/β-CATENIN in regulating the development of the corpus callosum. iScience, 28(9), 113335.

Vila IK, et al. (2022) STING orchestrates the crosstalk between polyunsaturated fatty acid metabolism and inflammatory responses. Cell metabolism, 34(1), 125.

Yang D, et al. (2022) Generation of a human induced pluripotent stem cell line (SYSUTFi001-A) from infiltrating cytotoxic T cells in hepatocellular carcinoma (HCC). Stem cell research, 65, 102962.

Frank D, et al. (2022) Ubiquitylation of RIPK3 beyond-the-RHIM can limit RIPK3 activity and cell death. *iScience*, 25(7), 104632.

van Ineveld RL, et al. (2022) Multispectral confocal 3D imaging of intact healthy and tumor tissue using mLSR-3D. *Nature protocols*, 17(12), 3028.

Wang J, et al. (2022) Extracellular vesicles mediate the communication of adipose tissue with brain and promote cognitive impairment associated with insulin resistance. *Cell metabolism*, 34(9), 1264.

Pribut HJ, et al. (2021) Overexpressing Histone Deacetylase 5 in Rat Dorsal Striatum Alters Reward-Guided Decision-Making and Associated Neural Encoding. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(49), 10080.

Ruggiano A, et al. (2021) The protease SPRTN and SUMOylation coordinate DNA-protein crosslink repair to prevent genome instability. *Cell reports*, 37(10), 110080.

Cobb MM, et al. (2015) Cell Cycle-dependent Changes in Localization and Phosphorylation of the Plasma Membrane Kv2.1 K⁺ Channel Impact Endoplasmic Reticulum Membrane Contact Sites in COS-1 Cells. *The Journal of biological chemistry*, 290(49), 29189.