

Resource Summary Report

Generated by [RRID](#) on Aug 6, 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: 20250820T023045+0000

Record Last Update: 20250820T134718+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 15 mentions in open access literature.

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

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*.

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.

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.

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.

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*.

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.