

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Anti-Kv4.3 K+ Channel Antibody

RRID:AB_2131966

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-017, RRID:AB_2131966

Antibody Information

URL: http://antibodyregistry.org/AB_2131966

Proper Citation: Antibodies Incorporated Cat# 75-017, RRID:AB_2131966

Target Antigen: Kv4.3 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: hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K75/41, RRID:AB_2314723), purified (Antibodies Incorporated, Cat# 75-017, RRID:AB_2131966), supernatant (Antibodies Incorporated, Cat# 73-017, RRID:AB_10672856)

Antibody Name: Anti-Kv4.3 K+ Channel Antibody

Description: This monoclonal targets Kv4.3 K+ channel

Target Organism: rat, hamster, mouse, drosophila, human

Clone ID: K75/41

Antibody ID: AB_2131966

Vendor: Antibodies Incorporated

Catalog Number: 75-017

Record Creation Time: 20250820T010917+0000

Record Last Update: 20250820T101042+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Kv4.3 K+ Channel Antibody.

No alerts have been found for Anti-Kv4.3 K+ Channel Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Santiago C, et al. (2025) Activity-dependent development of the body's touch receptors. *Neuron*, 113(11), 1758.

Fernandez A, et al. (2025) Altered Primary Somatosensory Neuron Development in a Pten Heterozygous Model for Autism Spectrum Disorder. *Autism research : official journal of the International Society for Autism Research*, 18(11), 2192.

Belghazi M, et al. (2024) High-Resolution Proteomics Unravel a Native Functional Complex of Cav1.3, SK3, and Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels in Midbrain Dopaminergic Neurons. *Cells*, 13(11).

Meltzer S, et al. (2023) γ -Protocadherins control synapse formation and peripheral branching of touch sensory neurons. *Neuron*, 111(11), 1776.

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

Oláh VJ, et al. (2020) Functional specification of CCK+ interneurons by alternative isoforms of Kv4.3 auxiliary subunits. *eLife*, 9.

Tiwari D, et al. (2020) The potassium channel Kv4.2 regulates dendritic spine morphology, electroencephalographic characteristics and seizure susceptibility in mice. *Experimental neurology*, 334, 113437.

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

Nassal DM, et al. (2017) KCHIP2 is a core transcriptional regulator of cardiac excitability. *eLife*, 6.