

Resource Summary Report

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Kvbeta2 potassium channel

RRID:AB_10673520

Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 73-021, RRID:AB_10673520)

Antibody Information

URL: http://antibodyregistry.org/AB_10673520

Proper Citation: (Antibodies Incorporated Cat# 73-021, RRID:AB_10673520)

Target Antigen: Kvbeta2 potassium 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: purified (Antibodies Incorporated, Cat# 75-021, RRID:AB_2131373), supernatant (Antibodies Incorporated, Cat# 73-021, RRID:AB_10673520), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K17/70, RRID:AB_2877283)

Antibody Name: Kvbeta2 potassium channel

Description: This monoclonal targets Kvbeta2 potassium channel

Clone ID: K17/70

Antibody ID: AB_10673520

Vendor: Antibodies Incorporated

Catalog Number: 73-021

Ratings and Alerts

No rating or validation information has been found for Kvbeta2 potassium channel.

No alerts have been found for Kvbeta2 potassium channel.

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 [FDI Lab - SciCrunch.org](#).

Bavassano C, et al. (2013) Identification of voltage-gated K(+) channel beta 2 (Kv β 2) subunit as a novel interaction partner of the pain transducer Transient Receptor Potential Vanilloid 1 channel (TRPV1). *Biochimica et biophysica acta*, 1833(12), 3166.

Ovsepian SV, et al. (2013) A defined heteromeric KV1 channel stabilizes the intrinsic pacemaking and regulates the output of deep cerebellar nuclear neurons to thalamic targets. *The Journal of physiology*, 591(7), 1771.

Cheng L, et al. (2011) Cortactin is required for N-cadherin regulation of Kv1.5 channel function. *The Journal of biological chemistry*, 286(23), 20478.

Duflocq A, et al. (2011) Characterization of the axon initial segment (AIS) of motor neurons and identification of a para-AIS and a juxtapara-AIS, organized by protein 4.1B. *BMC biology*, 9, 66.

Gu C, et al. (2011) Clustering and activity tuning of Kv1 channels in myelinated hippocampal axons. *The Journal of biological chemistry*, 286(29), 25835.

Ohnishi H, et al. (2010) Stress-evoked tyrosine phosphorylation of signal regulatory protein γ regulates behavioral immobility in the forced swim test. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 30(31), 10472.

Stapels M, et al. (2010) Polycomb group proteins as epigenetic mediators of neuroprotection in ischemic tolerance. *Science signaling*, 3(111), ra15.

Ogawa Y, et al. (2008) Postsynaptic density-93 clusters Kv1 channels at axon initial segments independently of Caspr2. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 28(22), 5731.

Wenzel HJ, et al. (2007) Structural consequences of Kcna1 gene deletion and transfer in the mouse hippocampus. *Epilepsia*, 48(11), 2023.

Gu C, et al. (2006) The microtubule plus-end tracking protein EB1 is required for Kv1 voltage-

gated K⁺ channel axonal targeting. Neuron, 52(5), 803.