Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 3, 2024

Anti-HCN1 Antibody

RRID:AB_2115181
Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 75-110, RRID:AB_2115181)

Antibody Information

URL: http://antibodyregistry.org/AB_2115181

Proper Citation: (Antibodies Incorporated Cat# 75-110, RRID:AB_2115181)

Target Antigen: HCN1

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# 75-110, RRID:AB_2115181), supernatant (Antibodies Incorporated, Cat# 73-110, RRID:AB_10672848), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N70/28, RRID:AB_2877279)

Antibody Name: Anti-HCN1 Antibody

Description: This monoclonal targets HCN1

Target Organism: gerbil, human, mouse, rat

Clone ID: N70/28

Antibody ID: AB_2115181

Vendor: Antibodies Incorporated

Catalog Number: 75-110

Ratings and Alerts

No rating or validation information has been found for Anti-HCN1 Antibody.

No alerts have been found for Anti-HCN1 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Balaji V, et al. (2023) Immunohistochemical characterization of bipolar cells in four distantly related avian species. The Journal of comparative neurology, 531(4), 561.

Michaelson SD, et al. (2021) Long-Lived Organotypic Slice Culture Model of the Rat Basolateral Amygdala. Current protocols, 1(10), e267.

Naumov V, et al. (2019) Analysis of excitatory and inhibitory neuron types in the inferior colliculus based on Ih properties. Journal of neurophysiology, 121(6), 2126.

Arnold EC, et al. (2019) Epilepsy-Induced Reduction in HCN Channel Expression Contributes to an Increased Excitability in Dorsal, But Not Ventral, Hippocampal CA1 Neurons. eNeuro, 6(2).

Salling MC, et al. (2018) Alcohol Consumption during Adolescence in a Mouse Model of Binge Drinking Alters the Intrinsic Excitability and Function of the Prefrontal Cortex through a Reduction in the Hyperpolarization-Activated Cation Current. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(27), 6207.

Silveira Villarroel H, et al. (2018) NPY Induces Stress Resilience via Downregulation of Ih in Principal Neurons of Rat Basolateral Amygdala. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(19), 4505.

Farshi P, et al. (2016) Dopamine D1 receptor expression is bipolar cell type-specific in the mouse retina. The Journal of comparative neurology, 524(10), 2059.

Hellmer CB, et al. (2016) Morphological and physiological analysis of type-5 and other bipolar cells in the Mouse Retina. Neuroscience, 315, 246.

Weltzien F, et al. (2015) Analysis of bipolar and amacrine populations in marmoset retina. The Journal of comparative neurology, 523(2), 313.

Pan Y, et al. (2014) TRIP8b is required for maximal expression of HCN1 in the mouse retina. PloS one, 9(1), e85850.

Abbas SY, et al. (2013) Directional summation in non-direction selective retinal ganglion cells. PLoS computational biology, 9(3), e1002969.

Bonin RP, et al. (2013) Hyperpolarization-activated current (In) is reduced in hippocampal neurons from Gabra5-/- mice. PloS one, 8(3), e58679.

Ying SW, et al. (2012) Targeted deletion of Kcne2 impairs HCN channel function in mouse thalamocortical circuits. PloS one, 7(8), e42756.

Piskorowski R, et al. (2011) TRIP8b splice forms act in concert to regulate the localization and expression of HCN1 channels in CA1 pyramidal neurons. Neuron, 70(3), 495.

Stradleigh TW, et al. (2011) Colocalization of hyperpolarization-activated, cyclic nucleotide-gated channel subunits in rat retinal ganglion cells. The Journal of comparative neurology, 519(13), 2546.

Noam Y, et al. (2010) Trafficking and surface expression of hyperpolarization-activated cyclic nucleotide-gated channels in hippocampal neurons. The Journal of biological chemistry, 285(19), 14724.