

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

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: rat, mouse, gerbil, human

Clone ID: N70/28

Antibody ID: AB_2115181

Vendor: Antibodies Incorporated

Catalog Number: 75-110

Record Creation Time: 20250819T224346+0000

Record Last Update: 20250820T030717+0000

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 9 mentions in open access literature.

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

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.

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).

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.

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.