

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Mouse Anti-HCN1 Monoclonal Antibody, Unconjugated, Clone S70-28

RRID:AB_2115171

Type: Antibody

Proper Citation

Abcam Cat# ab84816, RRID:AB_2115171

Antibody Information

URL: http://antibodyregistry.org/AB_2115171

Proper Citation: Abcam Cat# ab84816, RRID:AB_2115171

Target Antigen: HCN1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-HCN1 Monoclonal Antibody, Unconjugated, Clone S70-28

Description: This monoclonal targets HCN1

Target Organism: rat, mouse, human

Clone ID: Clone S70-28

Antibody ID: AB_2115171

Vendor: Abcam

Catalog Number: ab84816

Record Creation Time: 20250820T012344+0000

Record Last Update: 20250820T104845+0000

Ratings and Alerts

- Used for immunofluorescence microscopy assay by the Human Islet Research Network community. Contact(s): [Matthias Hebrok](#), [Philip Streeter](#), [Klaus Kaestner](#), [Markus Grompe](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Mouse Anti-HCN1 Monoclonal Antibody, Unconjugated, Clone S70-28.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Luo XD, et al. (2023) Activation of metabotropic glutamate receptor 1 regulates hippocampal CA1 region excitability in rats with status epilepticus by suppressing the HCN1 channel. Neural regeneration research, 18(3), 594.

Lin W, et al. (2020) Downregulation of hyperpolarization-activated cyclic nucleotide-gated channels (HCN) in the hippocampus of patients with medial temporal lobe epilepsy and hippocampal sclerosis (MTLE-HS). Hippocampus, 30(10), 1112.