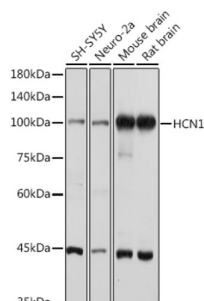


Potassium/Sodium Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 1 (HCN1) Antibody

Catalogue No.: abx002161



Western blot analysis of extracts of various cell lines using HCN1 Antibody (1/1000 dilution).

HCN1 Antibody is a Rabbit Polyclonal antibody against HCN1. The membrane protein encoded by this gene is a hyperpolarization-activated cation channel that contributes to the native pacemaker currents in heart and neurons. The encoded protein can homodimerize or heterodimerize with other pore-forming subunits to form a potassium channel. This channel may act as a receptor for sour tastes.

Target: Potassium/Sodium Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 1 (HCN1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human HCN1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O60741 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0
Revision date: 04 Nov 2025



Gene Symbol: HCN1

GeneID: [348980](#)

KEGG: hsa:348980

String: [9606.ENSP00000307342](#)

Molecular Weight: Calculated MW: 98 kDa
Observed MW: 99 kDa

Buffer: PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only