

Rabbit HCN1 Polyclonal Antibody | anti-HCN1 antibody

HCN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326861	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

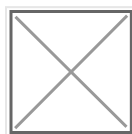
PRODUCT SYNONYMS

HCN1; Polyclonal Antibody; HCN1 Antibody; BCNG-1; BCNG1; Brain cyclic nucleotide gated channel 1; Brain cyclic nucleotide-gated channel 1; HAC 2; HAC2; HCN1_HUMAN; Hyperpolarization activated cyclic nucleotide gated potassium channel 1; Potassium channel; voltage-gated; brain; 1; Potassium/sodium hyperpolarization activated cyclic nucleotide gated channel 1; Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1; anti-HCN1 antibody

PRODUCT SPECIFICATIONS

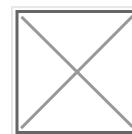
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HCN1 Antibody detects endogenous levels of total HCN1.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	890
Applicable Applications for anti-HCN1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HCN1, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326861 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Mouse brain lysate, using HCN1 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA326861 staining HEPG2 cells by ICC/IF. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600 was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HCN1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116325989
NCBI GeneID	348980
NCBI Accession #	NP_066550.2
NCBI GenBank Nucleotide #	NM_021072.3
UniProt Accession #	O60741
Molecular Weight	99kDa
NCBI Official Full Name	potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1
NCBI Official Synonym Full Names	hyperpolarization activated cyclic nucleotide gated potassium channel 1
NCBI Official Symbol	HCN1
NCBI Official Synonym Symbols	BCNG1; HAC-2; BCNG-1; EIEE24
NCBI Protein Information	potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1
UniProt Protein Name	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1
UniProt Gene Name	HCN1
UniProt Synonym Gene Names	BCNG1; BCNG-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hcn1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326861>