

Rabbit HCN1 Polyclonal Antibody | anti-HCN1 antibody

HCN1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286692	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

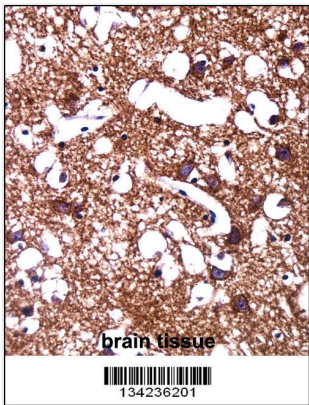
PRODUCT SYNONYMS

HCN1; Polyclonal Antibody; HCN1 Antibody (C-term); Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1; Brain cyclic nucleotide-gated channel 1; BCNG-1; BCNG1; anti-HCN1 antibody

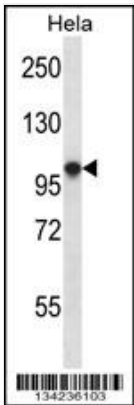
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HCN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 860-889 amino acids from the C-terminal region of human HCN1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	860-889
Sequence Length	890
Applicable Applications for anti-HCN1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HCN1 Antibody (C-term) (AAA286692)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HCN1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HCN1 Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the HCN1 antibody detected the HCN1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HCN1 antibody	Hyperpolarization-activated cation channels of the HCN gene family, such as HCN1, contribute to spontaneous rhythmic activity in both heart and brain.
Product Categories/Family for anti-HCN1 antibody	Cardiovascular; Neuroscience
References	Odefrey, F., et al. Cancer Res. 70(4):1449-1458(2010) Laurin, N., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (1), 95-103 (2009) : Woolcott, C.G., et al. Breast Cancer Res. 11 (1), R10 (2009) : Laurin, N., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (5), 600-605 (2008) : Tang, B., et al. Neurobiol. Dis. 29(1):59-70(2008)

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	98796
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hcn1-antibody-immunohistochemistry-western-blot-elisa/286692>