

Rabbit anti-Human, Mouse HCN1 Polyclonal Antibody | anti-HCN1 antibody

HCN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303788	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

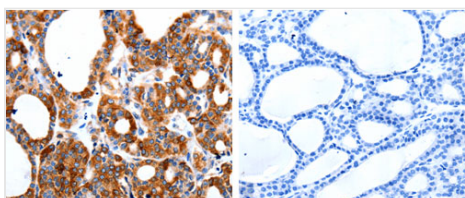
PRODUCT SYNONYMS

HCN1; Polyclonal Antibody; HCN1 Antibody; hyperpolarization activated cyclic nucleotide-gated potassium channel 1; BCNG1; HAC-2; BCNG-1; anti-HCN1 antibody

PRODUCT SPECIFICATIONS

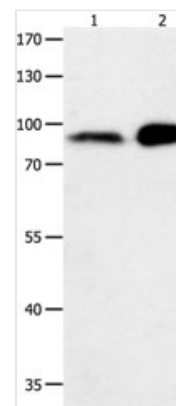
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HCN1 protein.
Form/Format	Supplied at 3mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	890
Applicable Applications for anti-HCN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 874-886 amino acids of Human hyperpolarization activated cyclic nucleotide-gated potassium channel 1
Target Name	HCN1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 31214 (HCN1 Antibody) at dilution 1/80, on the right is treated with the synthetic peptide.



Application Data

Gel: 8%SDS-PAGE
Lane1: Human brain malignant glioma tissue lysate
Lane2: Mouse brain tissue lysate
Lysates: 40 ug per lane
Primary antibody: 1/1500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 2 minutes

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.
Product Categories/Family for anti-HCN1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	116325989
NCBI GeneID	348980
NCBI Accession #	NP_066550
NCBI GenBank Nucleotide #	NM_021072.3
Molecular Weight	98,796 Da
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
UniProt Entry Name	HCN1_HUMAN

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/303788>