

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

HCN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328557	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, 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
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	890
Applicable Applications for anti-HCN1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), 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 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328557 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(AAA328557 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts of Mouse brain tissue sample, using HCN1 Antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	229462966
NCBI GeneID	348980
UniProt Accession #	O60741

Molecular Weight	99 kDa
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; GEFSP10
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-immunocytochemistry-immunofluorescence-western-blot-elisa/328557>