

Rabbit HCN2 Polyclonal Antibody | anti-HCN2 antibody

HCN2 Antibody

CATALOG # AAA327584	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

HCN2; Polyclonal Antibody; HCN2 Antibody; BCNG-2; BCNG2; Brain cyclic nucleotide gated channel 2; Brain cyclic nucleotide-gated channel 2; HAC1; Hcn2; HCN2_HUMAN; Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2; anti-HCN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	HCN2 Antibody detects endogenous levels of total HCN2.
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)
Applicable Applications for anti-HCN2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HCN2,corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



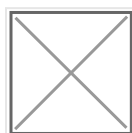
IF (Immunofluorescence)

AAA327584 staining Hela by IF/ICC. 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) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of HCN2 using COLO205 whole cell lysates



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using HCN2 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HCN2 antibody	Hyperpolarization-activated ion channel exhibiting weak selectivity for potassium over sodium ions. Contributes to the native pacemaker currents in heart (If) and in neurons (Ih). Can also transport ammonium in the distal nephron. Produces a large instantaneous current. Modulated by intracellular chloride ions and pH; acidic pH shifts the activation to more negative voltages (By similarity).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071470
NCBI GeneID	610
NCBI Accession #	NP_001185.3
NCBI GenBank Nucleotide #	NM_001194.3
UniProt Accession #	Q9UL51; O60742; O60743; O75267; Q9UBS2
Molecular Weight	96 kDa
NCBI Official Full Name	potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2
NCBI Official Synonym Full Names	hyperpolarization activated cyclic nucleotide gated potassium and sodium channel 2
NCBI Official Symbol	HCN2
NCBI Official Synonym Symbols	BCNG2; HAC-1; BCNG-2
NCBI Protein Information	potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2
UniProt Protein Name	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2
UniProt Gene Name	HCN2
UniProt Synonym Gene Names	BCNG2; BCNG-2

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/hcn2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327584>