

Rabbit HCN2 Polyclonal Antibody | anti-HCN2 antibody

HCN2 Polyclonal Antibody

CATALOG # AAA170000	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

HCN2; Polyclonal Antibody; HCN2 Polyclonal Antibody; BCNG2; HAC-1; BCNG-2; anti-HCN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (varies by lot)
Sequence Length	889
Applicable Applications for anti-HCN2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human HCN2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using HCN2 Polyclonal Antibody at dilution 1:80


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using HCN2 Polyclonal Antibody at dilution 1:80

ADDITIONAL INFORMATION

Related Product Information for anti-HCN2 antibody	Hyperpolarization-activated cation channels of the HCN gene family, such as HCN2, contribute to spontaneous rhythmic activity in both heart and brain. 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). Produces a large instantaneous current. Activated by cAMP. Modulated by intracellular chloride ions and pH; acidic pH shifts the activation to more negative voltages.
Product Categories/Family for anti-HCN2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4996894
NCBI GeneID	610
Molecular Weight	96,950 Da
NCBI Official Full Name	hyperpolarization-activated, cyclic nucleotide-gated channel 2
NCBI Official Synonym Full Names	hyperpolarization activated cyclic nucleotide gated potassium 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; brain cyclic nucleotide gated channel 2; brain cyclic nucleotide-gated channel 2; hyperpolarization activated cyclic nucleotide-gated potassium 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
UniProt Entry Name	HCN2_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/hcn2-antibody-immunohistochemistry-elisa/170000>