

Rabbit anti-Human HCN2 Polyclonal Antibody | anti-HCN2 antibody

HCN2 Antibody

CATALOG # AAA306121	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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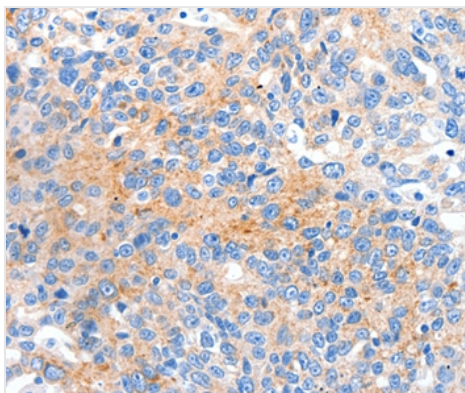
PRODUCT SYNONYMS

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

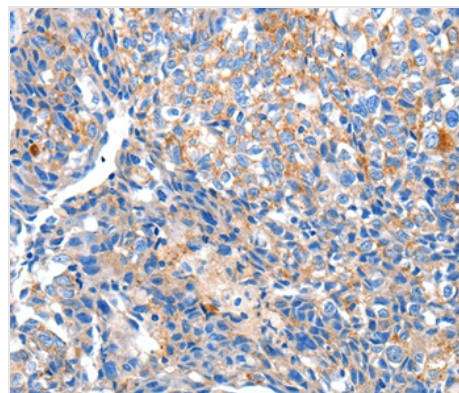
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HCN2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.7 mg/ml (varies by lot)
Sequence Length	889
Applicable Applications for anti-HCN2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human hyperpolarization activated cyclic nucleotide-gated potassium channel 2
Target Name	HCN2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/80.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using 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	Total protein Ab

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	96,950 Da
NCBI Official Full Name	potassium/sodium 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
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.