



HCN2 rabbit pAb

Cat No.:ES7060

For research use only

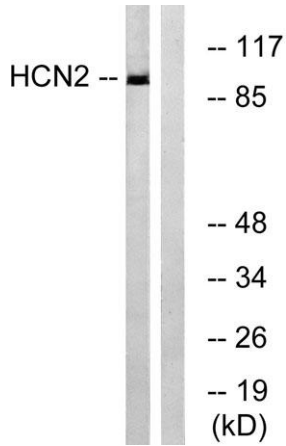
Overview

Product Name	HCN2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human HCN2. AA range:491-540
Specificity	HCN2 Polyclonal Antibody detects endogenous levels of HCN2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2
Gene Name	HCN2
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	610
Human Swiss-Prot Number	Q9UL51
Alternative Names	HCN2; BCNG2; Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2; Brain cyclic nucleotide-gated channel 2; BCNG-2
Background	Hyperpolarization-activated cation channels of the HCN gene family, such as HCN2, contribute to

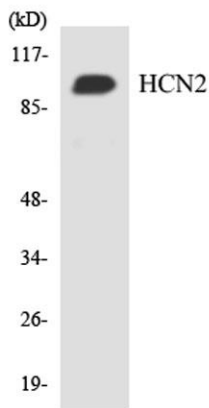




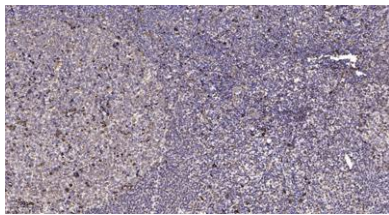
spontaneous rhythmic activity in both heart and brain.[supplied by OMIM, Jul 2010],



Western blot analysis of lysates from Jurkat cells, using HCN2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using HCN2 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

