



HCN3 polyclonal antibody

Catalog: BS33024

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3: Hyperpolarization-activated ion channel that are permeable to sodium and potassium ions, with an about 3:1 preference for potassium ions. Contributes to the native pacemaker currents in heart (If) and in neurons (Ih). In particular, plays a pivotal role in maintaining excitability and promoting rhythmic burst firing within hypothalamic nuclei. Exerts a significant influence on the configuration of the cardiac action potential waveform. Does not appear to play a prominent role in the processing of acute, neuropathic, or inflammatory pain (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~86.0 kDa

Swiss-Prot:

Q9P1Z3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of HCN3 protein

DATA:

Western blot analysis of Complement C6 expression in LO2 (A), CT26 (B), PC12 (C), A549 (D) whole cell lysates.

Immunohistochemical analysis of Complement C6 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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