

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HCN4 RABBIT PAB

Cat.#: S219846

Product Name: Anti-HCN4 Rabbit Polyclonal Antibody

Synonyms: SSS2

UNIPROT ID: Q9Y3Q4 (Gene Accession - NP_005468)

Background: This gene encodes a member of the hyperpolarization-activated cyclic nucleotidegated potassium channels. The encoded protein shows slow kinetics of activation and inactivation, and is necessary for the cardiac pacemaking process. This channel may also mediate responses to sour stimuli. Mutations in this gene have been linked to sick sinus syndrome 2, also known as atrial fibrillation with bradyarrhythmia or familial sinus bradycardia. Two pseudogenes have been identified on chromosome 15.

Immunogen: Synthetic peptide of human HCN4

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

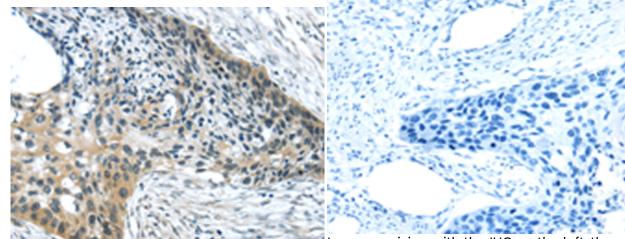
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219846(HCN4 Antibody) at a dilution of 1/35(Cell membrane).

In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 219846(Anti-HCN4 Antibody) at dilution 1/35.