

HCN4 Antibody

Catalog No: #40181

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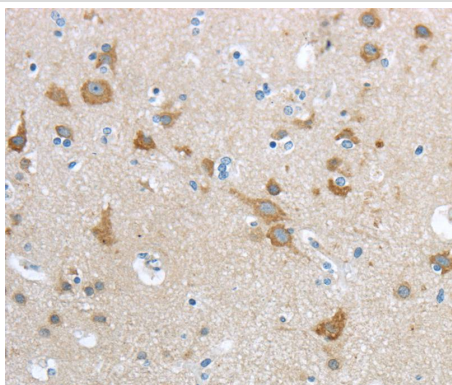
Description

Product Name	HCN4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HCN4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human hyperpolarization activated cyclic nucleotide gated potassium channel 4
Target Name	HCN4
Other Names	SSS2
Accession No.	Swiss-Prot:Q9Y3Q4Gene Accssion:NP_005468
Uniprot	Q9Y3Q4
GeneID	10021;
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry:1:10-1:50

Images



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #40181 at dilution 1/20.

Background

This gene encodes a member of the hyperpolarization-activated cyclic nucleotide-gated 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.

Note: This product is for in vitro research use only