

Product datasheet for **TA350689**

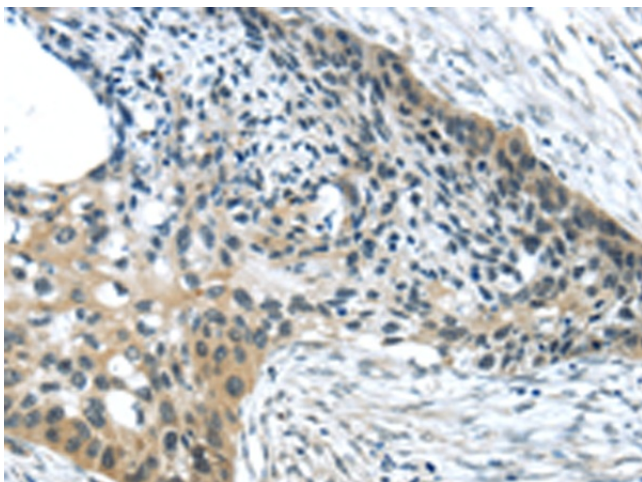
HCN4 Rabbit Polyclonal Antibody

Product data:

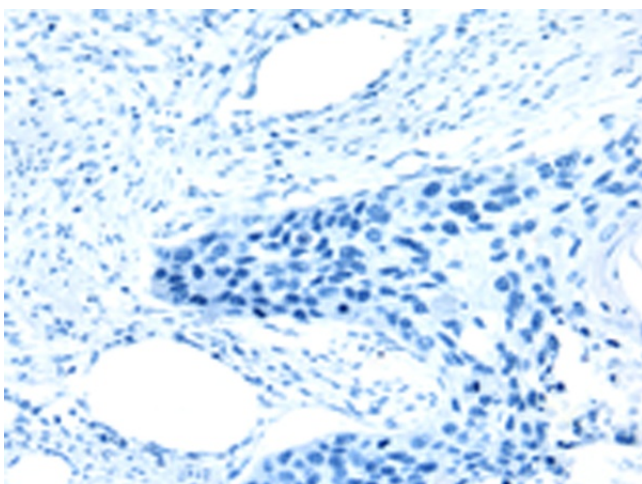
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HCN4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	hyperpolarization activated cyclic nucleotide gated potassium channel 4
Database Link:	NP_005468 Entrez Gene 59266 Rat Entrez Gene 330953 Mouse Entrez Gene 10021 Human Q9Y3Q4
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.
Synonyms:	SSS2
Protein Families:	Druggable Genome, Ion Channels: Cyclic nucleotide gated, Transmembrane



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Product images:

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA350689 (HCN4 Antibody) at dilution 1/35 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA350689 (HCN4 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: $\times 200$)