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Datasheet for ABIN7163980

anti-KCNE1 antibody (AA 85-129) (Biotin)

Overview

Quantity:	100 µg
Target:	KCNE1
Binding Specificity:	AA 85-129
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Potassium voltage-gated channel subfamily E member 1 protein (85-129AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KCNE1
Alternative Name:	KCNE1 (KCNE1 Products)
Background:	Background: Ancillary protein that assembles as a beta subunit with a voltage-gated potassium

Target Details

channel complex of pore-forming alpha subunits. Modulates the gating kinetics and enhances stability of the channel complex. Assembled with KCNB1 modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1 (PubMed:19219384). Assembled with KCNQ1/KVLQT1 is proposed to form the slowly activating delayed rectifier cardiac potassium (IKs) channel. The outward current reaches its steady state only after 50 seconds. Assembled with KCNH2/HERG may modulate the rapidly activating component of the delayed rectifying potassium current in heart (IKr).

Aliases: Delayed rectifier potassium channel subunit Isk antibody, Human cardiac delayed rectifier potassium channel protein antibody, IKs producing slow voltage gated potassium channel subunit beta Mink antibody, IKs producing slow voltage-gated potassium channel subunit beta Mink antibody, ISK antibody, JLNS 2 antibody, JLNS antibody, JLNS2 antibody, KCNE 1 antibody, KCNE1 antibody, KCNE1_HUMAN antibody, LQT 5 antibody, LQT5 antibody, MGC33114 antibody, Minimal potassium channel antibody, MinK antibody, Potassium voltage gated channel Isk related family member 1 antibody, Potassium voltage gated channel Isk related subfamily member 1 antibody, Potassium voltage gated channel subfamily E member 1 antibody, Potassium voltage-gated channel subfamily E member 1 antibody

UniProt: [P15382](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.