antibodies - online.com







anti-KCNE1 antibody (AA 85-129)

Images



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Background:

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Quantity:	100 μg
Target:	KCNE1
Binding Specificity:	AA 85-129
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
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: Ancillary protein that assembles as a beta subunit with a voltage-gated potassium

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 lsk related family member 1 antibody, Potassium voltage gated channel lsk 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: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Preservative:

Format: Liquid Buffer: Preservative: 0.03 % Proclin 300

Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

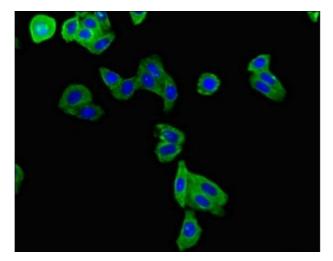
ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

handled by trained staff only.

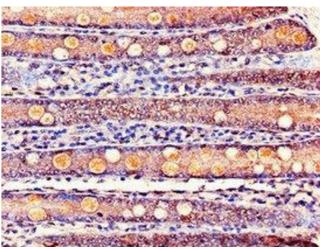
-20 °C,-80 °C Storage:

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



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7163979 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7163979 at dilution of 1:100