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Datasheet for ABIN5005767

anti-KCNE1 antibody (AA 64-100) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	KCNE1
Binding Specificity:	AA 64-100
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE1 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNE1
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	KCNE1
Alternative Name:	KCNE1 (KCNE1 Products)
Background:	Synonyms: ISK, JLNS, LQT5, MinK, JLNS2, LQT2/5, Potassium voltage-gated channel subfamily E member 1, Delayed rectifier potassium channel subunit IsK, IKs producing slow voltage-gated

Target Details

potassium channel subunit beta Mink, Minimal potassium channel, KCNE1

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 KCNQ1/KVLQT1 is proposed to form the slowly activating delayed rectifier cardiac potassium (IKs) channel. The outward current reaches its steady state only after 5 seconds. Assembled with KCNH2/HERG may modulate the rapidly activating component of the delayed rectifying potassium current in heart (IKr).

Gene ID: 3753

UniProt: [P15382](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months