Datasheet for ABIN1405503

anti-KCNE2 antibody (Alexa Fluor 350)

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Overview

Quantity:	100 µL
Target:	KCNE2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE2 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNE2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	KCNE2
Alternative Name:	KCNE2 (KCNE2 Products)
Background:	Synonyms: ATFB4, cardiac voltage gated potassium channel accessory subunit 2, Kcne2, KCNE2_HUMAN, LQT5, LQT6, minimum potassium ion channel related peptide 1, Minimum potassium ion channel-related peptide 1 antibody minK related peptide 1, MinK-related peptide 1, MIRP1, Potassium channel subunit beta MiRP1, potassium channel subunit, MiRP1,

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Target Details

	potassium voltage gated channel subfamily E member 2, potassium voltage gated channel, Isk related family, member 2, Potassium voltage-gated channel subfamily E member 2, voltage-gated K+ channel subunit MIRP1. 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. Associated with KCNH2/HERG is proposed to form the rapidly activating component of the delayed rectifying potassium current in heart (IKr). May associate with KCNQ2 and/or KCNQ3 and modulate the native M-type current. May associate with KCNQ1/KVLTQ1 and elicit a voltage-independent current. May associate with HCN1 and HCN2 and increase potassium current.
Gene ID:	9992

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

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