

Datasheet for ABIN7179018
anti-KCNE2 antibody (AA 1-123) (Biotin)



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Overview

Quantity:	100 µg
Target:	KCNE2
Binding Specificity:	AA 1-123
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Rat Potassium voltage-gated channel subfamily E member 2 protein (1-123AA)
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	>95%, Protein G purified

Target Details

Target:	KCNE2
Alternative Name:	Kcne2 (KCNE2 Products)
Background:	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

Target Details

stability of the channel complex. Assembled with KCNB1 modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1 (PubMed:19219384). 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 HCN1 and HCN2 and increase potassium current (By similarity). Interacts with KCNQ1, forms a heterooligomer complex leading to currents with an apparently instantaneous activation, a rapid deactivation process and a linear current-voltage relationship and decreases the amplitude of the outward current (By similarity).

Aliases: Kcne2Potassium voltage-gated channel subfamily E member 2 antibody, MinK-related peptide 1 antibody, Minimum potassium ion channel-related peptide 1 antibody, Potassium channel subunit beta MiRP1 antibody

UniProt: [P63161](#)

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.