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Datasheet for ABIN1392595 anti-Kcne3 antibody (AA 51-103) (Biotin)



Overview

Quantity:	100 µL
Target:	Kcne3
Binding Specificity:	AA 51-103
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kcne3 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNE3
Isotype:	lgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Kcne3
Alternative Name:	KCNE3 (Kcne3 Products)
Background:	Synonyms: HYPP, HOKPP, MiRP2, Potassium voltage-gated channel subfamily E member 3,

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	MinK-related peptide 2, Minimum potassium ion channel-related peptide 2, Potassium channel
	subunit beta MiRP2, KCNE3
	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:12954870).
	Associated with KCNC4/Kv3.4 is proposed to form the subthreshold voltage-gated potassium
	channel in skeletal muscle and to establish the resting membrane potential (RMP) in muscle
	cells. Associated with KCNQ1/KCLQT1 may form the intestinal cAMP-stimulated potassium
	channel involved in chloride secretion that produces a current with nearly instantaneous
	activation with a linear current-voltage relationship.
Gene ID:	10008
UniProt:	Q9Y6H6

Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months

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