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Datasheet for ABIN1392594

## anti-Kcne3 antibody (AA 51-103) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	Kcne3
Binding Specificity:	AA 51-103
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kcne3 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

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

### Target Details

Target:	Kcne3
Alternative Name:	KCNE3 ( <a href="#">Kcne3 Products</a> )
Background:	Synonyms: HYPP, HOKPP, MiRP2, Potassium voltage-gated channel subfamily E member 3,

## Target Details

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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.

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Gene ID: 10008

UniProt: [Q9Y6H6](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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

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Expiry Date: 12 months