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## Datasheet for ABIN1385530 anti-KCNE1 antibody (AA 64-100)

Publication



## 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 un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (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

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	E member 1, Delayed rectifier potassium channel subunit IsK, IKs producing slow voltage-gated potassium channel subunit beta Mink, Minimal potassium channel, KCNE1
	Background: Ancillary protein that assembles as a beta subunit with a voltage-gated potassiun
	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 th
	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:	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Zhao, Xu, Yun, Zhao, Li, Gong, Yuan, Yan, Zhang, Ding, Wang, Zhang, Dong, Xiu, Yang, Liu, Xue, L

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