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Datasheet for ABIN1405492

**anti-KCNE1 antibody (AA 64-100) (Alexa Fluor 488)**

## 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 conjugated to Alexa Fluor 488     |
| Application:         | Immunofluorescence (Paraffin-embedded Sections) (IF (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 ( <a href="#">KCNE1 Products</a> )  |
| Background:       | Synonyms: ISK, JLNS, LQT5, MinK, JLNS2, LQT2/5, Potassium voltage-gated channel subfamily E member 1, Delayed rectifier potassium channel subunit IsK, IKs producing slow voltage-gated |

## Target Details

potassium channel subunit beta Mink, Minimal potassium channel, KCNE1

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 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 the 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: 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