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Datasheet for ABIN1423373  
**anti-KCNE2 antibody (Cy3)**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | KCNE2   |
| Reactivity:  | Human, Rat, Mouse   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This KCNE2 antibody is conjugated to Cy3  |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human KCNE2 |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Purification:     | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | KCNE2  |
| Alternative Name: | KCNE2 ( <a href="#">KCNE2 Products</a> )   |
| Background:       | Synonyms: ATFB4, cardiac voltage gated potassium channel accessory subunit 2, Kcne2, KCNE2_HUMAN, LQT5, LQT6, minimum potassium ion channel related peptide 1, Minimum potassium ion channel-related peptide 1 antibody minK related peptide 1, MinK-related peptide 1, MIRP1, Potassium channel subunit beta MiRP1, potassium channel subunit, MiRP1, |

## Target Details

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potassium voltage gated channel subfamily E member 2, potassium voltage gated channel, Isk related family, member 2, Potassium voltage-gated channel subfamily E member 2, voltage-gated K<sup>+</sup> channel subunit MIRP1.

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. 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 KCNQ1/KVLQT1 and elicit a voltage-independent current. May associate with HCN1 and HCN2 and increase potassium current.

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Gene ID: 9992

## Application Details

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

Restrictions: For Research Use only

## Handling

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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