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anti-KCNE4 antibody (AA 1-100)



Overview

| Quantity: | 100 μL | |
|----------------------|--|--|
| Target: | KCNE4 | |
| Binding Specificity: | AA 1-100 | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This KCNE4 antibody is un-conjugated | |
| Application: | ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human KCNE4 | |
|-----------------------|---|--|
| Isotype: | IgG | |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Horse,Rabbit | |
| Purification: | Purified by Protein A. | |
| Tarret Dataila | | |

Target Details

| Target: | KCNE4 |
|-------------------|------------------------|
| Alternative Name: | KCNE4 (KCNE4 Products) |

Target Details

Background:

Synonyms: Minimum potassium ion channel related peptide 3, MinK related peptide 3, Potassium channel subunit beta MiRP3, Potassium voltage gated channel subfamily E member 4, KCNE4_HUMAN.

Background: Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, isk-related subfamily. This member is a type I membrane protein, and a beta subunit that assembles with a potassium channel alpha-subunit to modulate the gating kinetics and enhance stability of the multimeric complex. This gene is prominently expressed in the embryo and in adult uterus. [provided by RefSeq, Jul 2008].

Application Details

| Application Notes: | ELISA 1:500-1000 |
|--------------------|-----------------------|
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |
| | IF(IHC-P) 1:50-200 |
| | IF(IHC-F) 1:50-200 |
| | IF(ICC) 1:50-200 |
| | ICC 1:100-500 |
| 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. |

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Expiry Date:

12 months