

**Anti-Human /Mouse /Rat KCNE1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03101**

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3th Edition

**Description:**The product of this gene belongs to the potassium channel KCNE family. Potassium ion channels are essential to many cellular functions and show a high degree of diversity, varying in their electrophysiologic and pharmacologic properties. This gene encodes a transmembrane protein known to associate with the product of the KVLQT1 gene to form the delayed rectifier potassium channel. Mutation in this gene are associated with both Jervell and Lange-Nielsen and Romano-Ward forms of long-QT syndrome. Alternatively spliced transcript variants encoding the same protein have been identified.

**Antigen:**Recombinant protein of human KCNE1

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Expressed in heart, lung, kidney, testis, ovaries, small intestine, peripheral blood leukocytes. Not detected in pancreas, spleen, prostate and colon. Restrictively localized in the apical membrane portion of epithelial cells.