

## **Product datasheet for TA361882**

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### **KCNE1 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the middle region of human KCNE1

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 14 kDa

Gene Name: potassium voltage-gated channel subfamily E regulatory subunit 1

Database Link: NP 000210.2

Entrez Gene 3753 Human

P15382

**Background:** 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.

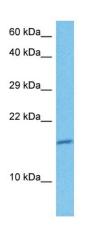




Synonyms:

FLJ18426; FLJ38123; FLJ94103; ISK; JLNS; JLNS2; LQT2/5; LQT5; MGC33114; MinK; OTTHUMP00000108624; OTTHUMP00000108626

# **Product images:**



Host: Rabbit
Target Name: KCNE1
Sample Type: Jurkat Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit Target Name: KCNE1

Sample Tissue: Human Jurkat Whole Cell lysates

Antibody Dilution: 1ug/ml