

A14098

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## KCNE2 Rabbit pAb

Catalog No.: A14098

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

14kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse

### 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 small integral membrane subunit that assembles with the KCNH2 gene product, a pore-forming protein, to alter its function. This gene is expressed in heart and muscle and the gene mutations are associated with cardiac arrhythmia.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

9992

#### Swiss Prot

Q9Y6J6

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-123 of human KCNE2 (NP\_751951.1).

#### Synonyms

LQT5; LQT6; ATFB4; MIRP1; KCNE2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.