

KCNE2 Rabbit Polyclonal Antibody



CAB9859

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

15kDa

Calculated MW:

14kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

9992

Uniprot

Q9Y6J6

Synonyms:

KCNE2; ATFB4; LQT5; LQT6; MIRP1

Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human KCNE2 (NP_751951.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images
