

KCNG1 Rabbit pAb

Catalog No.: A16391

Basic Information

Observed MW

Calculated MW

58kDa

Category

Primary antibody

Applications

ELISA

Cross-Reactivity

Rat

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, subfamily G. This gene is abundantly expressed in skeletal muscle. Multiple alternatively spliced transcript variants have been found in normal and cancerous tissues.

Recommended Dilutions

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3755

Swiss Prot

Q9UIX4

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

K13; KH2; KCNG; KV6.1; KCNG1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.