

KCNH2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 90kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human KCNH2

Storage Buffer:

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

Concentration:

g

Synonym:

ERG1; HERG; LQT2; SQT1; HERG1; Kv11.1

Catalog #: A2968

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3757

Isotype: IgG

Swiss Prot: Q12809

Purity: Affinity purification

For research use only.

Background:

This gene encodes a voltage-activated potassium channel belonging to the eag family. It shares sequence similarity with the Drosophila ether-a-go-go (eag) gene. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified. Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium channel. Channel properties are modulated by cAMP and subunit assembly. Mediates the rapidly activating component of the delayed rectifying potassium current in heart (IKr). Isoform 3 has no channel activity by itself, but modulates channel characteristics when associated with isoform 1.

To place an order, please [Click HERE](#).