

Product Information

|              |         |               |        |             |             |
|--------------|---------|---------------|--------|-------------|-------------|
| Product SKU: | CAB2968 | Gene ID:      | 3757   | Size:       | 20uL, 100uL |
| Clone No:    | -       | Host Species: | Rabbit | Reactivity: | Human,Mouse |

Additional Information

|                |        |            |              |
|----------------|--------|------------|--------------|
| Observed MW:   | 148kDa | Conjugate: | Unconjugated |
| Calculated MW: | 127kDa | Isotype:   | IgG          |

Immunogen Information

**Background:** This gene encodes a component of a voltage-activated potassium channel found in cardiac muscle, nerve cells, and microglia. Four copies of this protein interact with one copy of the KCNE2 protein to form a functional potassium channel. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified.

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** ERG1; HERG; LQT2; SQT1; ERG-1; H-ERG; HERG1; Kv11.1; KCNH2

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 850-950 of human KCNH2 (NP\_000229.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.