
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, pH 7.3.