

<b>Cat. No:</b>	AB-84820
<b>Size:</b>	100 ug
<b>Concentration:</b>	1 mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 850-950 of human KCNH2
<b>Reactivity:</b>	Human, Mouse
<b>Applications:</b>	Western Blot 1:500 - 1:2000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200 ELISA 1 µg/mL
<b>Molecular Weight:</b>	148 kDa
<b>Purification:</b>	Affinity Purified
<b>Synonyms:</b>	ERG1; HERG; LQT2; SQT1; ERG-1; H-ERG; HERG1; Kv11.1; KCNH2
<b>Background:</b>	<p>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.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.05% proclin300,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles

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