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## Product Information

<b>Product SKU:</b>	CAB15923	<b>Gene ID:</b>	90134	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse

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## Additional Information

<b>Observed MW:</b>	135kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	135kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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 H. This member is a pore-forming (alpha) subunit. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms.

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** ERG3; HERG3; Kv11.3; KCNH7

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 100-350 of human KCNH7 (NP\_775185.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.