

bs-12172R**[Primary Antibody]****KCNE4 Rabbit pAb**

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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 23704**SWISS:** Q8WWG9**Target:** KCNE4**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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, isk-related subfamily. This member is a type I membrane protein, and a beta subunit that assembles with a potassium channel alpha-subunit to modulate the gating kinetics and enhance stability of the multimeric complex. This gene is prominently expressed in the embryo and in adult uterus. [provided by RefSeq, Jul 2008].

Applications: IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

ICC/IF (1:100-500)

Reactivity: (predicted: Human, Mouse,
Rat, Rabbit, Dog, Horse)

**Predicted
MW.:** 18 kDa

**Subcellular
Location:** Cell membrane