



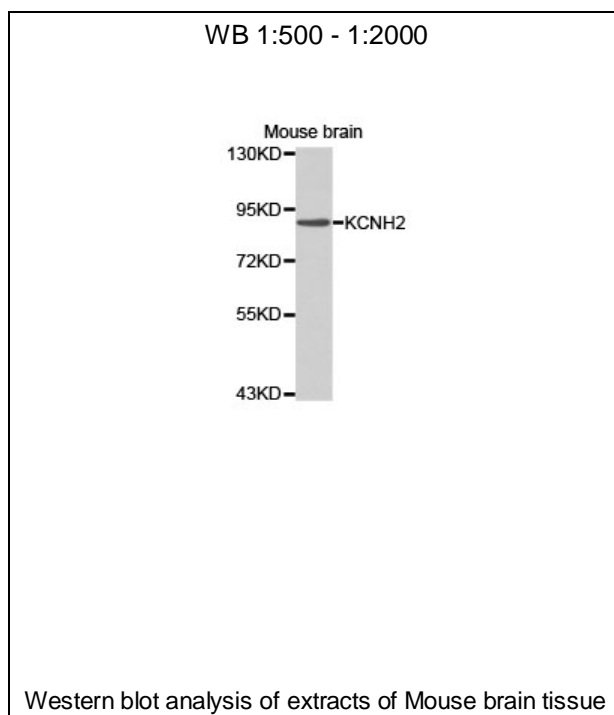
KCNH2 Polyclonal Antibody

E92968**Catalog Number:** E92968**Amount:** 100ul

Background: This gene encodes a voltage-activated potassium channel belonging to the eag family. It shares sequence similarity with the *Drosophila* ether-a-go-go (eag) gene. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified. Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium channel. Channel properties are modulated by cAMP and subunit assembly. Mediates the rapidly activating component of the delayed rectifying potassium current in heart (IKr). Isoform 3 has no channel activity by itself, but modulates channel characteristics when associated with isoform 1.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: ERG1; HERG; LQT2; SQT1; HERG1; Kv11.1**Immunogen:** A synthetic peptide of human KCNH2**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB**Molecular Weight:** 90kDa**Swiss-Prot No. :** Q12809**Gene ID:** 3757**For Research Use Only**

lysate, using KCNH2antibody.

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