

Kv4.2/KCND2 Rabbit pAb

db21954

Package : 20µL 50µL 100µL

Product Name : Kv4.2/KCND2 Rabbit pAb**Cat.No.:** db21954**Synonyms** : RK5; KV4.2**Application** : WB, IHC, FC**Reactivity** : Human**Host species** : Rabbit**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. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shal-related subfamily, members of which form voltage-activated A-type potassium ion channels and are prominent in the repolarization phase of the action potential. This member mediates a rapidly inactivating, A-type outward potassium current which is not under the control of the N terminus as it is in Shaker channels. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Kv4.2/KCND2

Gene ID

3751

Swiss Prot

Q9NZV8

Synonyms

RK5; KV4.2

Reactivity

Human

Application

WB, IHC, FC

Recommended dilution

WB: 1:1000

IHC: 1:20

FC: 1:20

Calculated MW

71 kDa

Observed MW

71 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.