

Kir2.1 Rabbit pAb

db2294

Package : 20µL 50µL 100µL

Product Name : Kir2.1 Rabbit pAb**Cat.No.:** db2294**Synonyms** : IRK1; LQT7; SQT3; ATFB9; HHIRK1; KIR2.1; HHBIRK1**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Mutations in this gene have been associated with Andersen syndrome, which is characterized by periodic paralysis, cardiac arrhythmias, and dysmorphic features. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Kir2.1

Gene ID

3759

Swiss Prot

P63252

Synonyms

IRK1; LQT7; SQT3; ATFB9; HHIRK1; KIR2.1; HHBIRK1

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF

Recommended dilutionWB: 1:1000-1:5000
IHC: 1:50-1:200
ICC/IF: 1:20-1:50**Calculated MW**

48 kDa

Observed MW

48 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.