

## GIRK1 Rabbit pAb

db20275

Package : 20μL 50μL 100μL

**Product Name** : GIRK1 Rabbit pAb**Cat.No.:** db20275**Synonyms** : KGA; GIRK1; KIR3.1**Application** : WB, FC**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, is controlled by G-proteins and plays an important role in regulating heartbeat. It associates with three other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex that also couples to neurotransmitter receptors in the brain and whereby channel activation can inhibit action potential firing by hyperpolarizing the plasma membrane. These multimeric G-protein-gated inwardly-rectifying potassium (GIRK) channels may play a role in the pathophysiology of epilepsy, addiction, Down's syndrome, ataxia, and Parkinson's disease. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, May 2012]

**Immunogen**

A synthetic peptide of human GIRK1

**Gene ID**

3760

**Swiss Prot**

P48549

**Synonyms**

KGA; GIRK1; KIR3.1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, FC

**Recommended dilution**WB: 1:1000  
FC: 1:20-1:100**Calculated MW**

57 kDa

**Observed MW**

57 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.