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Product datasheet for TA303283

GIRK2 (KCNJ6) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC, PEP-ELISA, WB
Recommended Dilution:	ELISA: 1:16,000. WB: 1-3µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SSKLNQHAELET, from the C Terminus of the protein sequence according to NP_002231.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	potassium voltage-gated channel subfamily J member 6
Database Link:	NP_002231 Entrez Gene 16522 MouseEntrez Gene 25743 RatEntrez Gene 3763 Human P48051

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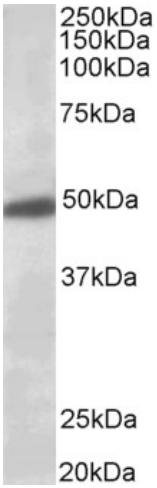
Background: Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and may be involved in the regulation of insulin secretion by glucose. It associates with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex.

Synonyms: BIR1; GIRK-2; GIRK2; hiGIRK2; KATP-2; KATP2; KCNJ7; KIR3.2

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:



TA303283 (0.5ug/ml) staining of Human Brain (Substantia Nigra) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.