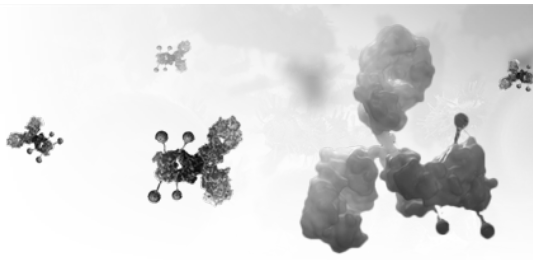

Human KCNJ6 blocking peptide (CDBP1366)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GIRK2/KCNJ6 antibody
Antigen Description	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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	KCNJ6 potassium inwardly-rectifying channel, subfamily J, member 6 [Homo sapiens (human)]
Official Symbol	KCNJ6

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Synonyms	KCNJ6; potassium inwardly-rectifying channel, subfamily J, member 6; BIR1; GIRK2; KATP2; KCNJ7; GIRK-2; KATP-2; KIR3.2; hiGIRK2; G protein-activated inward rectifier potassium channel 2; inward rectifier K(+) channel Kir3.2; inward rectifier potassium channel KIR3.2;
Entrez Gene ID	3763
mRNA Refseq	NM_002240.3
Protein Refseq	NP_002231.1
UniProt ID	P48051
Chromosome Location	21q22.1
Pathway	Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Cholinergic synapse, organism-specific biosystem; Circadian entrainment, organism-specific biosystem; Circadian entrainment, conserved biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Estrogen signaling pathway, organism-specific biosystem; Estrogen signaling pathway, conserved biosystem; G protein gated
Function	G-protein activated inward rectifier potassium channel activity; inward rectifier potassium channel activity; protein binding;

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