KCNJ11 (Human) Cell-Based ELISA Kit

Catalog # KA2957 Size 1 Kit

Specification

Product Description	KCNJ11 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative de termination of KCNJ11 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — KCNJ11

Entrez GeneID	3767
Protein Accession#	Q14654
Gene Name	KCNJ11
Gene Alias	BIR, HHF2, IKATP, KIR6.2, MGC133230, PHHI, TNDM3
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 11

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Omim ID	125853 600937 601820 606176 610582
Gene Ontology	Hyperlink
Gene Summary	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 is found associated with the sulfonylurea receptor SUR. Mutations in this gene are a cause of familial persistent hyperinsulinemic hypoglycemia of infancy (PHHI), an autosomal recessive disorder characterized by unregulated insulin secretion. Defects in this gene may also contribute to autosomal dominant non-insulin-dependent diabetes mellitus type II (NIDDM), transient neonatal diabetes mellitus type 3 (TNDM3), and permanent neonatal diabetes mellitus (PNDM). [provided by RefSeq
Other Designations	ATP-sensitive inward rectifier potassium channel 11|beta-cell inward rectifier subunit|inwardly rectifying potassium channel KIR6.2|potassium inwardly-rectifying channel J11

Pathway

- Type II diabetes mellitus

Disease

- Alzheimer disease
- Atherosclerosis
- Birth Weight
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Coronary Artery Disease
- Coronary Disease
- Death
- Diabetes
- Diabetes Complications
- Diabetes Mellitus

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Diabetic Angiopathies
- Diabetic Nephropathies
- Disease Progression
- Edema
- Epilepsy
- Fetal Diseases
- Genetic Predisposition to Disease
- Glucose Intolerance
- Glucose Metabolism Disorders
- HIV Infections
- Hyperglycemia
- Hyperinsulinism
- Hypertension
- Hypoglycemia
- Insulin Resistance
- Kidney Failure
- Malnutrition
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Persistent Hyperinsulinemia Hypoglycemia of Infancy
- Polycystic Ovary Syndrome
- Prostatic Neoplasms
- Starvation

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Weight Gain

Copyright © 2023 Abnova Corporation. All Rights Reserved.