# KCNJ11 Antibody

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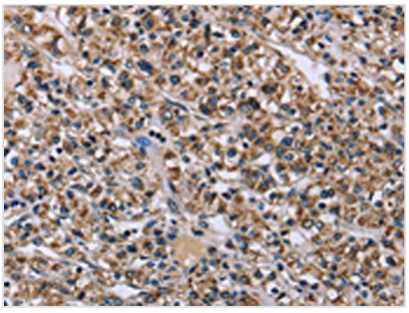
| **Product Code** | CSB-PA907180 |
| **Storage** | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| **Uniprot No.** | Q14654 |
| **Immunogen** | Fusion protein of Human KCNJ11 |
| **Raised In** | Rabbit |
| **Species Reactivity** | Human,Mouse,Rat |
| **Tested Applications** | ELISA,IHC;ELISA:1:2000-1:5000,IHC:1:50-1:200 |
| **Relevance** | 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). Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. |
| **Form** | Liquid |
| **Conjugate** | Non-conjugated |
| **Storage Buffer** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |
| **Purification Method** | Antigen affinity purification |
| **Isotype** | IgG |
| **Species** | Homo sapiens (Human) |
| **Target Names** | KCNJ11 |
| **Image** |  The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CSB-PA907180(KCNJ11 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200) |