

## **Product datasheet for TA361207**

## **Kir2.1 (KCNJ2) Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the C terminal region of human Immunogen:

KCNJ2

Specificity: **Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

**Purification:** Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

**Predicted Protein Size:** 46 kDa

Gene Name: potassium voltage-gated channel subfamily J member 2

Database Link: NP 000882.1

Entrez Gene 3759 Human

P63252



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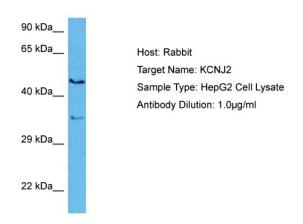
**Background:** Potassium channels are present in most mammalian cells, where they participate in a wide

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, probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Mutations in this gene have been associated with Andersen syndrome, which is characterized by periodic paralysis, cardiac arrhythmias, and dysmorphic features.

Synonyms: HHBIRK1; HHIRK1; HRK1; IRK1; KIR2.1; LQT7; SQT3

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

## **Product images:**



Host: Rabbit Target Name: KCNJ2

Sample Tissue: Human HepG2 Whole Cell lysates

Antibody Dilution: 1ug/ml