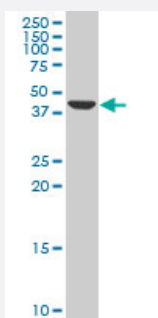


# KCNJ2 polyclonal antibody (A01)

Catalog # H00003759-A01

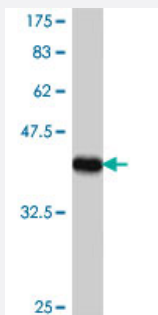
Size 50 uL

## Applications



### Western Blot (Cell lysate)

KCNJ2 polyclonal antibody (A01), Lot # 051011JC01. Western Blot analysis of KCN2 expression in Daoy.



Western Blot detection against Immunogen (37.11 KDa) .

## Specification

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse polyclonal antibody raised against a partial recombinant KCN2.                                 |
| Immunogen                     | KCN2 (NP_000882, 328 a.a. ~ 427 a.a) partial recombinant protein with GST tag.                       |
| Sequence                      | PVLFEEKHYKVDYSRFHKTYEVPNTPLCSARDLAEKKYLSNANSFCYENEVALTSKEEDDSEN<br>GVPESTDTPPDIDLHNQASVPLEPRPLRRESEI |
| Host                          | Mouse                                                                                                |
| Reactivity                    | Human                                                                                                |
| Interspecies Antigen Sequence | Mouse (96); Rat (96)                                                                                 |

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (37.11 KDa) .

**Storage Buffer**

50 % glycerol

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

KCNJ2 polyclonal antibody (A01), Lot # 051011JC01. Western Blot analysis of KCNJ2 expression in Daoy.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — KCNJ2

**Entrez GeneID**

[3759](#)

**GeneBank Accession#**

[NM\\_000891](#)

**Protein Accession#**

[NP\\_000882](#)

**Gene Name**

KCNJ2

**Gene Alias**

HHBIRK1, HHIRK1, IRK1, KIR2.1, LQT7, SQT3

**Gene Description**

potassium inwardly-rectifying channel, subfamily J, member 2

**Omim ID**

[170390](#) [600681](#) [609622](#)

**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, 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. [provided by RefSeq]

**Other Designations**

cardiac inward rectifier potassium channel|inward rectifier K<sup>+</sup> channel KIR2.1|inward rectifier potassium channel 2|potassium inwardly-rectifying channel J2

**Disease**

- [Arrhythmia](#)
- [Arrhythmias](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Long QT syndrome](#)
- [Sudden Infant Death](#)