

DNAxPAb

Hard-to-Find  
Antibody

## KCNJ10 DNAxPab

Catalog # H00003766-W01P      Size 200 ug

### Specification

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a partial-length human KCNJ10 DNA using DNAx™ Immune technology. |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                               |
| Immunogen               | Extracellular membrane domain (ECD) human DNA                                                              |
| Host                    | Rabbit                                                                                                     |
| Reactivity              | Human                                                                                                      |
| Purification            | Protein A                                                                                                  |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                    |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                          |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                   |

### Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

### Gene Info — KCNJ10

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">3766</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| GeneBank Accession# | <a href="#">BC034036</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name           | KCNJ10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | BIRK-10, KCNJ13-PEN, KIR1.2, KIR4.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | potassium inwardly-rectifying channel, subfamily J, member 10                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Omim ID             | <a href="#">602208</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | This gene encodes a member of the inward rectifier-type potassium channel family, characterized by having a greater tendency to allow potassium to flow into, rather than out of, a cell. The encoded protein may form a heterodimer with another potassium channel protein and may be responsible for the potassium buffering action of glial cells in the brain. Mutations in this gene have been associated with seizure susceptibility of common idiopathic generalized epilepsy syndromes. [provided by RefSeq] |
| Other Designations  | ATP-sensitive inward rectifier potassium channel 10 OTTHUMP00000025748 glial ATP-dependent inwardly rectifying potassium channel KIR4.1 inward rectifier K+ channel KIR1.2 inwardly-rectifying potassium channel Kir1.2                                                                                                                                                                                                                                                                                              |

## Disease

- [Diabetes Mellitus](#)
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- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Migraine with Aura](#)
- [Sclerosis](#)
- [Seizures](#)