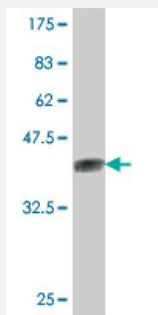


KCNJ10 polyclonal antibody (A01)

Catalog # H00003766-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.55 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant KCNJ10.
Immunogen	KCNJ10 (NP_002232, 276 a.a. ~ 379 a.a) partial recombinant protein with GST tag.
Sequence	DFELVLILSGTVESTSATCQVRTSYLPEEILWGYEFTPAILSLASGKYADFSFLDQVVKVASPSGL RDSTVRYGDPEKLEESLREQAEKEGSALSVRISNV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.55 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KCNJ10

Entrez GeneID [3766](#)

GeneBank Accession# [NM_002241](#)

Protein Accession# [NP_002232](#)

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 [602208](#)

Gene Ontology [Hyperlink](#)

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](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Migraine with Aura](#)

- [Sclerosis](#)
- [Seizures](#)