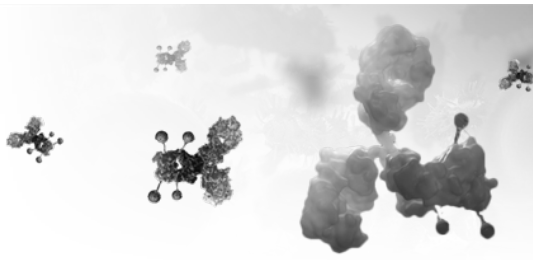

Anti-KCNJ10 (aa 276-379) polyclonal antibody (DPAB-DC1774)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	KCNJ10 (NP_002232, 276 a.a. ~ 379 a.a) partial recombinant protein with GST tag. The sequence is DFELVLILSGTVESTSATCQVRTSYLPEEILWGYEFTPAISLSASGKYIADFSLFDQVVK VASPSGLRDSTVRYGDPEKLKLEESLREQAEKEGSALSVRISNV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	KCNJ10 potassium inwardly-rectifying channel, subfamily J, member 10 [Homo sapiens (human)]
Official Symbol	KCNJ10
Synonyms	KCNJ10; potassium inwardly-rectifying channel, subfamily J, member 10; KIR1.2; KIR4.1; SESAME; BIRK-10; KCNJ13-PEN; ATP-sensitive inward rectifier potassium channel 10; inward rectifier K+ channel KIR1.2; inward rectifier K(+) channel Kir1.2; ATP-dependent inwardly rectifying potassium channel Kir4.1; potassium channel, inwardly rectifying subfamily J member 10; glial ATP-dependent inwardly rectifying potassium channel KIR4.1;
Entrez Gene ID	3766
Protein Refseq	NP_002232
UniProt ID	P78508
Chromosome Location	1q23.2
Pathway	Activation of G protein gated Potassium channels; G protein gated Potassium channels; GABA receptor activation; Gastric acid secretion.
Function	ATP binding; ATP-activated inward rectifier potassium channel activity; identical protein binding; protein binding

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