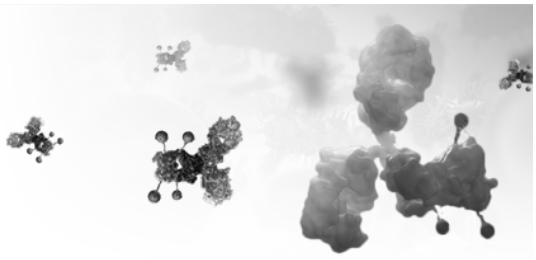

Anti-KCNJ16 (aa 319-416) polyclonal antibody (DPAB-DC1778)

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

PRODUCT INFORMATION

Antigen Description	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 tends to allow potassium to flow into rather than out of a cell, can form heterodimers with two other inward-rectifier type potassium channels. It may function in fluid and pH balance regulation. Alternatively spliced transcript variants have been found for this gene.
Immunogen	KCNJ16 (NP_061128, 319 a.a. ~ 416 a.a) partial recombinant protein with GST tag. The sequence is KYYKVNCLQFEGSVEVYAPFCSAKQLDWKDQQLHIEKAPPVRESCTSDTKARRRSFSAVA IVSSCENPEETTTSATHEYRETPYQKALLTLNRISVES
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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

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Gene Name	KCNJ16 potassium inwardly-rectifying channel, subfamily J, member 16 [Homo sapiens (human)]
Official Symbol	KCNJ16
Synonyms	KCNJ16; potassium inwardly-rectifying channel, subfamily J, member 16; BIR9; KIR5.1; inward rectifier potassium channel 16; inward rectifier K+ channel KIR5.1; inward rectifier K(+) channel Kir5.1; potassium channel, inwardly rectifying subfamily J member 16;
Entrez Gene ID	3773
Protein Refseq	NP_001257351
UniProt ID	Q9NPI9
Chromosome Location	17q24.3
Pathway	Activation of G protein gated Potassium channels; G protein gated Potassium channels; GABA receptor activation; Inhibition of voltage gated Ca2+ channels via Gbeta/gamma subunits
Function	inward rectifier potassium channel activity;

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