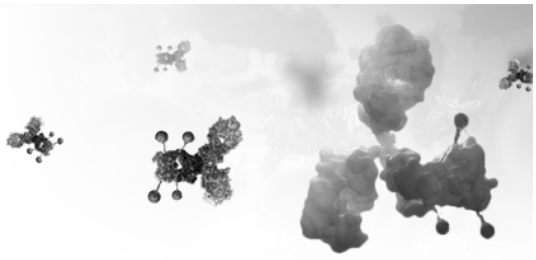

Rabbit Anti-Human KCNJ10 Polyclonal Antibody (DPABH-21217)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal to Kir4.1 (A252).
Specificity	This antibody detects endogenous levels of Kir4.1
Target	Kir41
Immunogen	Synthetic Peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Purification	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Conjugate	Unconjugated
Applications	IHC
Format	Liquid
Concentration	Lot specific
Size	100 µl, 200 µl
Buffer	PBS containing 50% glycerol and 0.5% BSA
Preservative	0.02% Sodium Azide

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Storage	Store at -20°C, and avoid repeat freeze-thaw cycles.

BACKGROUND

Introduction	May be responsible for potassium buffering action of glial cells in the brain. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by extracellular barium and cesium.
Keywords	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

GENE INFORMATION

Entrez Gene ID	3766
UniProt ID	P78508

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