



Anti-KCNJ5 polyclonal antibody (CABT-BL2001)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide derived from the C-terminal of human KCNJ5.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, ICC/IF
Cellular Localization	Membrane.
Format	Liquid
Buffer	50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

BACKGROUND

Introduction	This potassium channel is controlled by G proteins. 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
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voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by external barium.

GENE INFORMATION

Entrez Gene ID	3762
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Protein Refseq	NP_000881
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UniProt ID	P48544
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