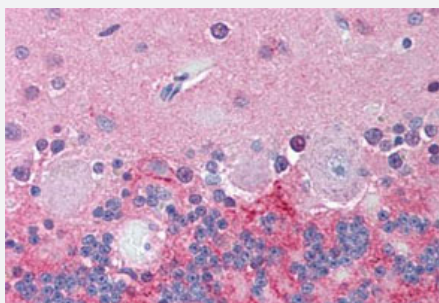


KCNJ6 polyclonal antibody

Catalog # PAB27741

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain, cerebellum with KCNJ6 polyclonal antibody (Cat # PAB27741). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNJ6.
Immunogen	A synthetic peptide corresponding to 18 amino acid at N-terminus of human KCNJ6.
Host	Rabbit
Reactivity	Bovine, Dog, Guinea pig, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10-20 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human brain, cerebellum with KCNJ6 polyclonal antibody (Cat # PAB27741). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Gene Info — KCNJ6

Entrez GeneID [3763](#)

Protein Accession# [P48051](#)

Gene Name KCNJ6

Gene Alias BIR1, GIRK2, KATP2, KCNJ7, KIR3.2, MGC126596, hiGIRK2

Gene Description potassium inwardly-rectifying channel, subfamily J, member 6

Omim ID [600877](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and may be involved in the regulation of insulin secretion by glucose. It associates with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq]

Other Designations G protein-activated inward rectifier potassium channel 2|OTTHUMP00000109101|inward rectifier potassium channel KIR3.2|potassium inwardly-rectifying channel J6

Disease

- [Bipolar Disorder](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)

- [Hyperparathyroidism](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Tobacco Use Disorder](#)