

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

KCNJ6 RABBIT PAB

Cat.#: S220572

Product Name: Anti-KCNJ6 Rabbit Polyclonal Antibody

Synonyms: BIR1; GIRK2; KATP2; KCNJ7; GIRK-2; KATP-2; KIR3.2; hiGIRK2

UNIPROT ID: P48051 (Gene Accession - NP_002231)

Background: 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. **Immunogen:** Synthetic peptide of human KCNJ6

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

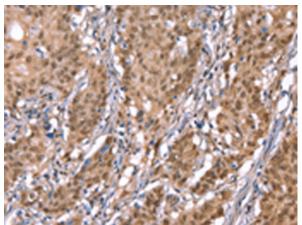
Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

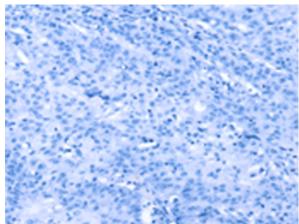


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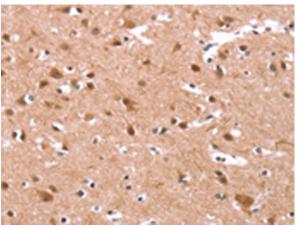
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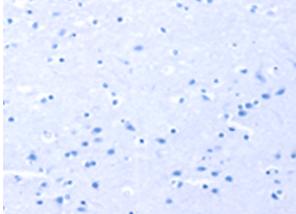
Immunohistochemistry analysis of paraffin embedded Human gasrtic cancer tissue using 220572(KCNJ6 Antibody) at a dilution of 1/40(Cytoplasm or Nucleus).



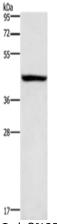
In comparision with the IHC on the left, the same paraffin-embedded Human gasrtic cancer tissue is first treated with the synthetic peptide and then with 220572(Anti-KCNJ6 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 220572(Anti-KCNJ6 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D261710(Anti-KCNJ6 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: A549 cells;

Primary antibody: 220572(KCNJ6 Antibody) at

dilution 1/600;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute



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