

KCNK18 RABBIT PAB

Cat.#: S222282

Product Name: Anti-KCNK18 Rabbit Polyclonal Antibody

Synonyms: TRIK; MGR13; TRESK; TRESK2; K2p18.1; TRESK-2

UNIPROT ID: Q7Z418 (Gene Accession - NP_862823)

Background: Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes a member of the superfamily of potassium channel proteins containing two pore-forming P domains and the encoded protein functions as an outward rectifying potassium channel. A mutation in this gene has been found to be associated with migraine with aura.

Immunogen: Synthetic peptide of human KCNK18

Applications: ELISA, IHC

Recommended Dilutions: IHC: 70-350; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

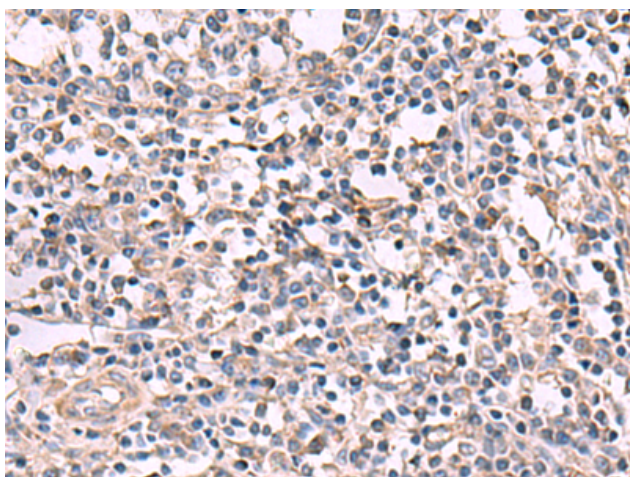
Purification: Antigen affinity purification

Species Reactivity: Human

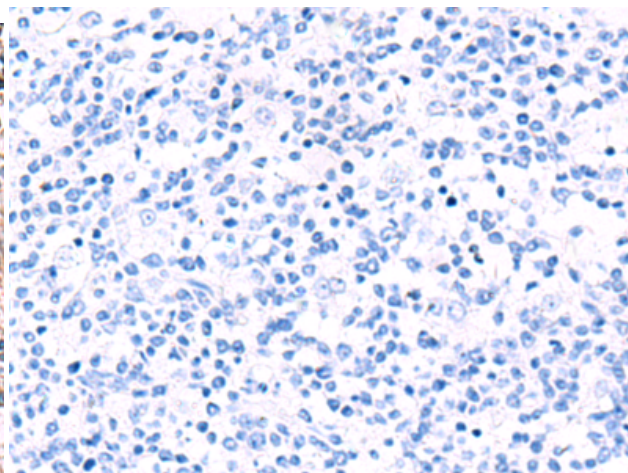
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Neuroscience

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



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 222282(KCNK18 Antibody) at a dilution of 1/80(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 222282(Anti-KCNK18 Antibody) at dilution 1/80.