

## 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

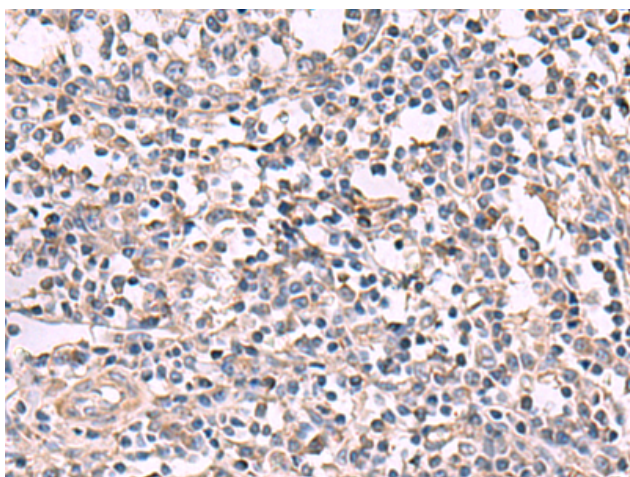
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

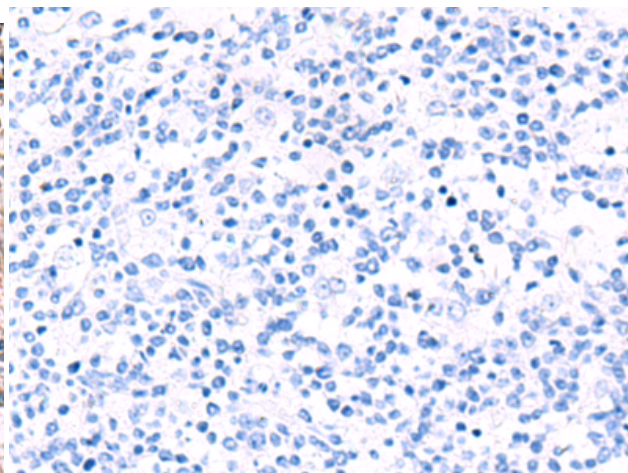
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**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.