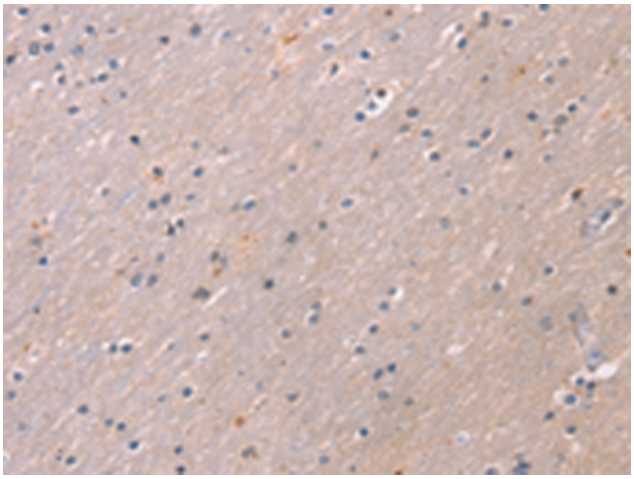
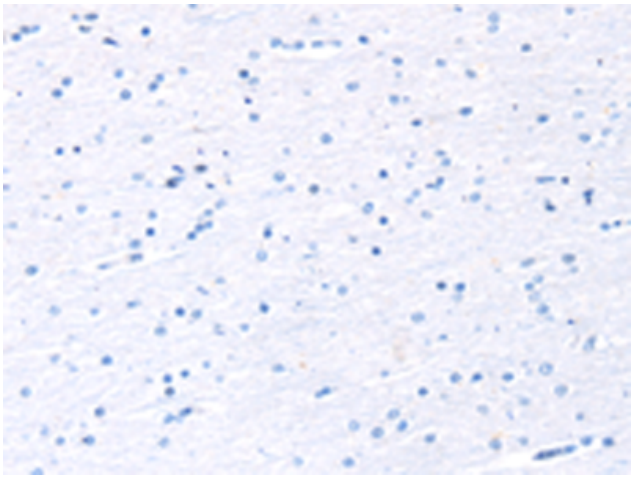
KCNK3 RABBIT PAB

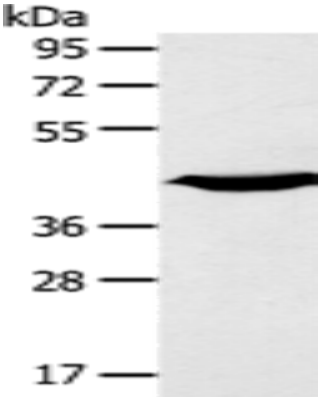
Cat.#: S214778
Product Name: Anti-KCNK3 Rabbit Polyclonal Antibody
Synonyms: OAT1; PPH4; TASK; TBAK1; K2p3.1; TASK-1
UNIPROT ID: O14649 (Gene Accession - NP_002237)
Background: This gene encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene.
Immunogen: Synthetic peptide of human KCNK3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: Oct-50;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



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 214778(KCNK3 Antibody) at a dilution of 1/20(Cytoplasm and Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 214778(Anti-KCNK3 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Mouse heart tissue;
Primary antibody: 214778(KCNK3 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 10 seconds