

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

KCNN4 RABBIT PAB

Cat.#: S220653

Product Name: Anti-KCNN4 Rabbit Polyclonal Antibody

Synonyms: IK1; SK4; KCA4; hSK4; IKCA1; hKCa4; KCa3.1; hIKCa1

UNIPROT ID: 015554 (Gene Accession - NP_002241)

Background: The protein encoded by this gene is part of a potentially heterotetrameric voltageindependent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.

Immunogen: Synthetic peptide of human KCNN4

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

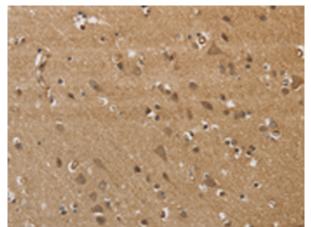
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Cell Biology, Neuroscience

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

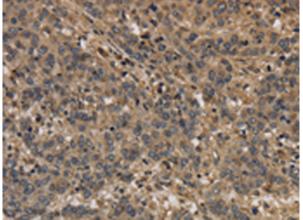


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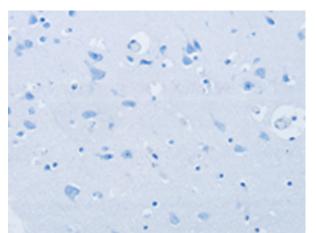
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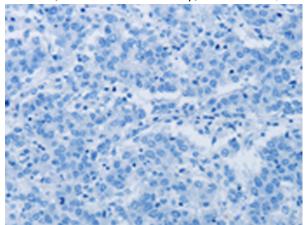
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220653(KCNN4 Antibody) at a dilution of 1/40(Nucleus).



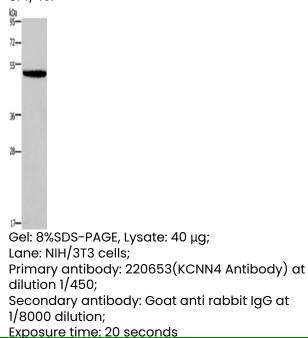
The image on the left is immunohistochemistry



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 220653(Anti-KCNN4 Antibody) at dilution 1/40.



In comparision with the IHC on the left, the same of paraffin-embedded Human liver cancer tissue paraffin-embedded Human liver cancer tissue is using 220653(Anti-KCNN4 Antibody) at a dilution first treated with synthetic peptide and then with D261825(Anti-KCNN4 Antibody) at dilution 1/40. of 1/40.





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