

Anti-KCNN4 antibody

Cat. No. ml261825

Package 25 µl/100 µl/200 µl

Storage -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description Anti-KCNN4 rabbit polyclonal antibody

Applications ELISA, WB, IHC

Immunogen Synthetic peptide of human KCNN4

Reactivity Human, Mouse

Content 0.9 mg/ml

Host species Rabbit

Ig class Immunogen-specific rabbit IgG

Purification Antigen affinity purification

Target information

Symbol KCNN4

Full name potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4



订购热线: 4008-898-798

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

Swissprot O15554

Target Background

The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent 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.

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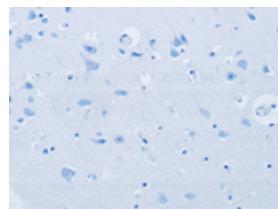
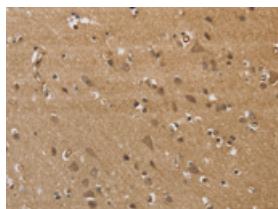
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human brain

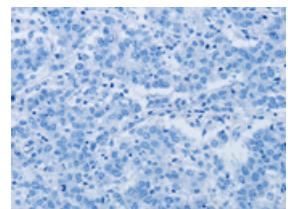
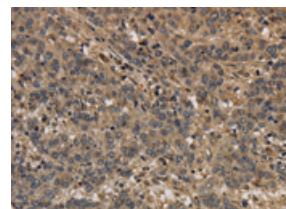
Recommended dilution: 50-200



Predicted cell location: Nucleus

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml261825(KCNN4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261825(KCNN4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 48 kDa

Positive control: NIH/3T3 cells

Recommended dilution: 500-2000

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Gel: 8%SDS-PAGE

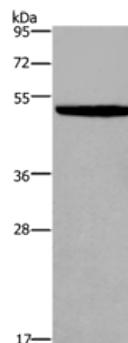
Lysate: 40 µg

Lane: NIH/3T3 cells

Primary antibody: ml261825(KCNN4 Antibody) at dilution 1/450

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 2000-5000

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