

KCNN4

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 47kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human KCNN4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

g

Synonym:

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

Catalog #: A1974

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3783

Isotype: IgG

Swiss Prot: O15554

Purity: Affinity purification

For research use only.

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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