

A1974

Leader in Biomolecular Solutions for Life Science



KCNN4 Rabbit pAb

Catalog No.: A1974

3 Publications

Basic Information

Observed MW

53kDa

Calculated MW

48kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3783

Swiss Prot

O15554

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IK; IK1; SK4; DHS2; KCA4; hSK4; IKCA1; hKCa4; KCa3.1; hIKCa1; KCNN4

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

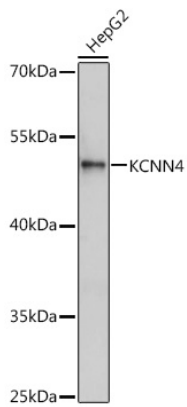
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from HepG2 cells, using KCNN4 Rabbit pAb (A1974) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 1s.