

A12760

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KCNN1 Rabbit pAb

Catalog No.: A12760

Basic Information

Observed MW

Refer to Figures

Calculated MW

60kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. The protein encoded by this gene is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. This gene is a member of the KCNN family of potassium channel genes.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3780

Swiss Prot

Q92952

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human KCNN1 (NP_002239.2).

Synonyms

SK1; hSK1; SKCA1; KCa2.1; KCNN1

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 0.01% thimerosal, 50% glycerol, pH 7.3.