

A20593

Leader in Biomolecular Solutions for Life Science



KCNQ3 Rabbit pAb

Catalog No.: A20593

Basic Information

Observed MW

Refer to figures

Calculated MW

97kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

This gene encodes a protein that functions in the regulation of neuronal excitability. The encoded protein forms an M-channel by associating with the products of the related KCNQ2 or KCNQ5 genes, which both encode integral membrane proteins. M-channel currents are inhibited by M1 muscarinic acetylcholine receptors and are activated by retigabine, a novel anti-convulsant drug. Defects in this gene are a cause of benign familial neonatal convulsions type 2 (BFNC2), also known as epilepsy, benign neonatal type 2 (EBN2). Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3786

Swiss Prot

O43525

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-500 of human KCNQ3 (NP_001191753.1).

Synonyms

EBN2; BFNC2; KV7.3; KCNQ3

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.