

KCNQ2

Reactivity:Human Mouse Rat

Tested applications:WB IHC

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

Calculated MW:96kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human KCNQ2

Storage Buffer:

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

Synonym:

EBN; BFNC; EBN1; ENB1; BFNS1; EIEE7; HNSPC; KV7.2; KCNA11; KVEBN1;

Background:

The M channel is a slowly activating and deactivating potassium channel that plays a critical role in the regulation of neuronal excitability. The M channel is formed by the association of the protein encoded by this gene and a related protein encoded by the KCNQ3 gene, both integral membrane proteins. M channel currents are inhibited by M1 muscarinic acetylcholine receptors and activated by retigabine, a novel anti-convulsant drug. Defects in this gene are a cause of benign familial neonatal convulsions type 1 (BFNC), also known as epilepsy, benign neonatal type 1 (EBN1). At least five transcript variants encoding five different isoforms have been found for this gene.

To place an order, please [Click HERE](#).

Catalog #:A1917

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3785

Isotype:IgG

Swiss Prot:O43526

Purity:Affinity purification

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