

KCNE1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP10632

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human protein . at AA range: 40-120

Mol wt N/A

Species reactivity Human, Rat, Mouse

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Potassium voltage-gated channel subfamily E member 1

Synonyms Potassium voltage-gated channel subfamily E member 1 ;Delayed rectifier potassium channel subunit

IsK;IKs producing slow voltage-gated potassium channel subunit beta Mink;Minimal potassium channel

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

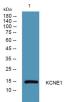
The product of this gene belongs to the potassium channel KCNE family. Potassium ion channels are essential to many cellular functions and show a high degree of diversity, varying in their electrophysiologic and pharmacologic properties. This gene encodes a transmembrane protein known to associate with the product of the KVLQT1 gene to form the delayed rectifier potassium channel. Mutation in this gene are associated with both Jervell and Lange-Nielsen and Romano-Ward forms of long-QT syndrome. Alternatively spliced transcript variants encoding the same protein have been identified.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



 $We stern \ blot \ analysis \ of \ lysates \ from \ HCT116 \ cells, \ primary \ antibody \ was \ diluted \ at \ 1:1000, \ 4^{\circ}C \ overnight$

Storage

-20°C for 1 year