KCNE1L polyclonal antibody

Catalog: BS60501 Host: Rabbit Reactivity: Human

BackGround:

KCNE genes encode small, single transmembrane domain peptides that associate with pore-forming å-subunits to form K+ channels with unique characteristics. Voltage-gated K+ channels in the plasma membrane control the repolarization and the frequency of action potentials in neurons, muscles and other excitable cells. KCNE1L (KCNE1-like), also known as KCNE5, potassium voltage-gated channel subfamily E member 1-like protein or AMMECR2, is a 142 amino acid single-pass type I membrane protein belonging to the potassium channel KCNE family. Defects of the KCNE1L gene have been linked to the cardiac and some neurological abnormalities observed in patients with AMME (Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis) contiguous gene syndrome. KCNE1L is primarily expressed in skeletal muscle, brain, placenta, spinal cord and heart.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 15 kDa

Swiss-Prot:

Q9UJ90

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

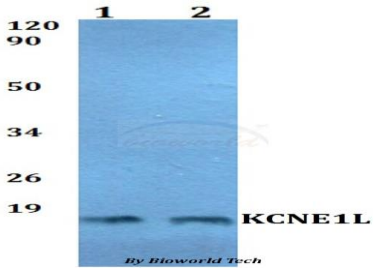
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

KCNE1L polyclonal antibody detects endogenous levels of KCNE1L protein.

DATA:



Western blot (WB) analysis of KCNE1L polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:MCF-7 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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