www.biossusa.com
support@biossusa.com
800.501.7654 [DOMESTIC]
+1.781.569.5821 [INTERNATIONAL]

bs-9928R-Cy7

- ## Rabbit Anti-KCNE1 Polyclonal Antibody, Cy7 conjugated

Conjugated Primary Antibodies

Background:
KCNE1 is an ancillary protein that assembles as a beta subunit with a voltage-gated potassium channel complex of pore-forming alpha subunits. It modulates the gating kinetics and enhances stability of the channel complex. KCNE1 assembled with KCNQ1/KVLQT1 is proposed to form the slowly activating delayed rectifier cardiac potassium (IKs) channel. The outward current reaches its steady state only after 50 seconds. KCNE1 assembled with KCNH2/HERG may modulate the rapidly activating component of the delayed rectifying potassium current in heart (IKr). Defects in KCNE1 are a cause of the autosomal recessive Jervell and Lange-Nielsen syndrome (JLNS). JLNS comprises profound congenital sensorineural deafness associated with syncopal episodes. These are caused by ventricular tachyarrhythmia secondary to abnormal repolarization, manifested by a prolonged QT interval on the electrocardiogram.

Purification: Was purified by Protein A and peptide affinity chromatography.

Storage:
Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

Reconstitution:
If the antibody is in liquid form, it is ready to use, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

For full size images and description please click HERE.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities:
Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,

Application:

- IF(1:50-200)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 15kDa

Preservatives:
10ug/uL BSA and 0.1% NaN3.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.