bs-9930R

[Primary Antibody]

KCNE2 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 9992 **SWISS:** Q9Y6J6

Target: KCNE2

Immunogen: KLH conjugated synthetic peptide derived from human KCNE2:

51-123/123.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Ancillary protein that assembles as a beta subunit with a voltage-

gated potassium channel complex of pore-forming alpha subunits. Modulates the gating kinetics and enhances stability of the channel complex. Associated with KCNH2/HERG is proposed to form the rapidly activating component of the delayed rectifying potassium current in heart (IKr). May associate with KCNQ2 and/or KCNQ3 and modulate the native M-type current. May associate with KCNQ1/KVLTQ1 and elicit a voltage-independent current. May associate with HCN1 and HCN2 and increase potassium current.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) **IF** (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)

Predicted MW.: 14 kDa

Subcellular Location: Cell membrane

- SELECTED CITATIONS -

• [IF=4.6] Yang Heng, et al. The relationship between myodural bridge, atrophy and hyperplasia of the suboccipital musculature, and cerebrospinal fluid dynamics. SCI REP-UK. 2023 Nov;13(1):1-15 IHC; Rat. 37919345