

bs-9442R**[Primary Antibody]**

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Kv4.2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	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, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 69 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 3751	SWISS: Q9NZV8	
Target: Kv4.2		
Immunogen: KLH conjugated synthetic peptide derived from human KCND2/Kv4.2: 301-400/630.		
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: Voltage-gated K ⁺ channels in the plasma membrane control the repolarization and the frequency of action potentials in neurons, muscles, and other excitable cells. Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.		

— SELECTED CITATIONS —

- **[IF=1.339]** Li W et al. MiR-1/133 attenuates cardiomyocyte apoptosis and electrical remodeling in mice with viral myocarditis. Cardiol J. 2019 Apr 17. WB ;Mouse. 30994182