

bs-9443R**[Primary Antibody]****phospho-Kv4.2 (Thr602) Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 3751	SWISS: Q9NZV8	Reactivity: (predicted: Human, Mouse, Rat)
Target: Kv4.2 (Thr602)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human KCND2 around the phosphorylation site of Thr602: IP(p-T)PP.		
Purification: affinity purified by Protein A		Predicted MW.: 70 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
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=12.5]** Han-Qing Pan. et al. Enhanced Rap1 small GTPase activity in the ventral hippocampus drives stress-induced anxiety. SCI ADV. 2025 May;11(21) WB ;Mouse. 40408487