

bs-4150R**[Primary Antibody]****Kv2.1 Rabbit pAb****Bioss**
ANTIBODIES

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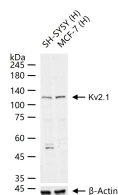
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse)
GeneID: 3745	SWISS: Q14721	
Target: Kv2.1		Predicted MW.: 96 kDa
Immunogen: KLH conjugated synthetic peptide derived from human DRK1: 465-570/858.		Subcellular Location: Cell membrane
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: Mediates the voltage-dependent potassium ion permeability of excitable membranes. Channels open or close in response to the voltage difference across the membrane, letting potassium ions pass in accordance with their electrochemical gradient.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Kv2.1 polyclonal antibody, unconjugated (bs-4150R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=3.8]** Pucca, Manuela Berto, et al. "Immunosuppressive evidence of Tityus serrulatus toxins Ts6 and Ts15: insights of a novel K⁺ channel pattern in T cells." Immunology (2015). Other ;="Mouse". 26595158