

bs-5535R**[Primary Antibody]****phospho-Kv2.1 (Tyr128) Rabbit pAb****Bioss**
ANTIBODIES

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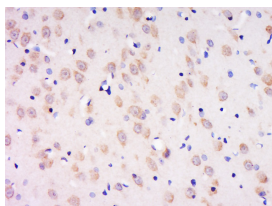
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 3745	SWISS: Q14721	
Target: Kv2.1 (Tyr128)		Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Dog, Horse)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Kv21 around the phosphorylation site of Tyr128: DEI(p-Y)LE.		
Purification: affinity purified by Protein A		Predicted MW.: 96 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: 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 —

Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Kv2¹ Polyclonal Antibody, Unconjugated(bs-5535R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining