

bs-6685R**[Primary Antibody]****BioSS**
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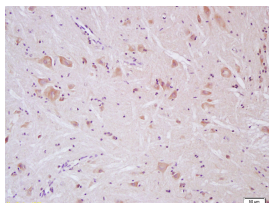
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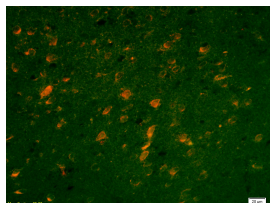
400-901-9800

SCN10A/Nav1.8 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 6336 Target: SCN10A/Nav1.8 Immunogen: KLH conjugated synthetic peptide derived from human SCN10A/NAV1.8: 1151-1250/1956. 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: Nav1.8 protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, Nav1.8 forms a sodium-selective channel through which sodium ions may pass in accordance with their electrochemical gradient. It is a tetrodotoxin-resistant sodium channel isoform. Nav1.8 plays a role in neuropathic pain mechanisms.	Isotype: IgG SWISS: Q9Y5Y9 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Pig, Cow, Dog) Predicted MW.: 215 kDa Subcellular Location: Extracellular matrix ,Cell membrane
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— VALIDATION IMAGES —

Tissue/cell: rat spinal cord; 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-SCN10A Polyclonal Antibody, Unconjugated(bs-6685R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-SCN10A Polyclonal Antibody, Unconjugated(bs-6685R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3) used at 1:200 dilution for 40 minutes at 37°C.

— SELECTED CITATIONS —

- **[IF=3.688]** Tingting Zhang. et al. Mechanism Insight into the in situ Reactions of Repeated Intramuscular Progesterone Injections. BASIC CLIN PHARMACOL. 2022 Sep;; IHC ;Rat. 36180969