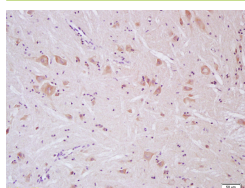


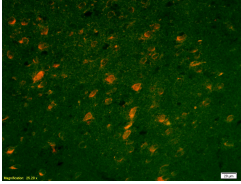
## SCN10A/Nav1.8 Rabbit pAb

Catalog Number: bs-6685R  
Target Protein: SCN10A/Nav1.8  
Concentration: 1mg/ml  
Form: Liquid  
Host: Rabbit  
Clonality: Polyclonal  
Isotype: IgG  
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 Locations: Extracellular matrix ,Cell membrane  
Entrez Gene: 6336  
Swiss Prot: Q9Y5Y9  
Source: KLH conjugated synthetic peptide derived from human SCN10A/NAV1.8: 1151-1250/1956.  
Purification: affinity purified by Protein A  
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.

### 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.

## PRODUCT SPECIFIC PUBLICATIONS

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[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