

bs-4252R**[Primary Antibody]****SCNN1B Rabbit pAb****BioSS**
ANTIBODIES

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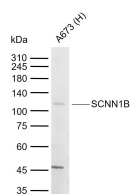
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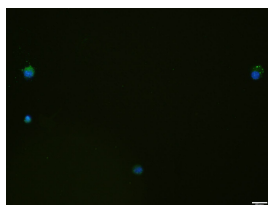
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6338 Target: SCNN1B Immunogen: KLH conjugated synthetic peptide derived from human SCNN1B: 401-500/685. 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: SCNN1B is a subunit of the epithelial sodium channel, ENaC. ENaC has high sodium selectivity, low conductance, and amiloride sensitivity. The functional channel of ENaC is composed of at least 3 subunits, alpha (SCNN1A), beta (SCNN1B), and gamma (SCNN1G). The 3 subunits show sequence similarities to one another, indicating descent from a common ancestral gene. Each encodes a protein containing 2 transmembrane domains, with intracellular amino and carboxyl termini.	Isotype: IgG SWISS: P51168	Applications: WB (1:500-2000) ICC/IF (1:100) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Horse) Predicted MW.: 73 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Human A673 cell lysates
Primary: Anti-SCNN1B (bs-4252R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 73 kDa Observed band size: 110 kDa



U266 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (SCNN1B) polyclonal Antibody, Unconjugated (bs-4252R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=2.586]** Ayşe Çakır Gündoğdu. et al. Impact of 5'-AMP-activated protein kinase (AMPK) on Epithelial Sodium Channels (ENaCs) in human sperm. TISSUE CELL. 2022 Aug;;101896 ELISA,IF ;Human. 35994921
- **[IF=2.586]** Ayşe Çakır Gündoğdu. et al. Resveratrol downregulates ENaCs through the activation of AMPK in human colon cancer cells. TISSUE CELL. 2023 Mar;;102071 ICC ;Human. 36965273