**bs-5702R** **[ Primary Antibody ]**

# phospho-SCNN1B (Ser633) Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 6338 **SWISS:** P51168

**Target:** phospho-SCNN1B (Ser633)

**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human SCNN1B around the phosphorylation site of Ser633: IE(p-S)D. < Cytoplasmic >

**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.

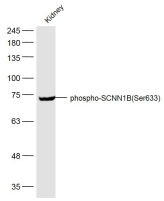
**Applications:** **WB** (1:500-2000)
**Flow-Cyt** (1μg/Test)

**Reactivity:** Human, Mouse, GuineaPig (predicted: Rat, Pig, Cow, Dog)

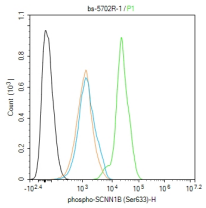
**Predicted MW.:** 73 kDa

**Subcellular Location:** Cell membrane

## VALIDATION IMAGES




Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti- phospho-SCNN1B(Ser633) (bs-5702R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 73 kD Observed band size: 73 kD




Blank control（black line）:MCF-7. Primary Antibody (green line): Rabbit Anti-phospho-SCNN1B (Ser633) antibody (bs-5702R) Dilution:1ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

## SELECTED CITATIONS

- **[IF=3.65]** Pasham, Venkanna, et al. "OSR1-sensitive small intestinal Na+ transport." American Journal of Physiology-Gastrointestinal and Liver Physiology 303.11 (2012): G1212-G1219. WB ;="Mouse". 23019198