bs-5701R

[Primary Antibody]

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phospho-SCNN1B (Thr615) Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 6338 **SWISS:** P51168

Target: SCNN1B (Thr615)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

SCNN1B around the phosphorylation site of Thr615: PG(p-T)PP. <

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 (1ug/Test) ICC/IF (1:100-500)

Reactivity: Human (predicted: Mouse,

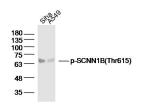
Rat, Rabbit, Cow, Dog, GuineaPig, Horse)

Predicted 73 kDa

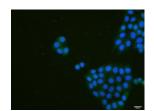
MW.:

Subcellular Location: Cell membrane

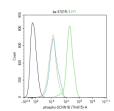
VALIDATION IMAGES -



Sample: Siha (Human)Cell Lysate at 40 ug A549 (Human) Cell Lysate at 40 ug Primary: Anti-p-SCNN1B(Thr615)(bs-5701R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 73kD Observed band size: 73kD



MCF7 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 (phospho-SCNN1B (Thr615)) polyclonal Antibody, Unconjugated (bs-5701R) 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.



Blank control (black line) :Hela. Primary Antibody (green line): Rabbit Anti-phospho-SCNN1B (Thr615) antibody (bs-5701R) 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