

bs-2057R**[Primary Antibody]****NCX3 Rabbit pAb****BioSS**
ANTIBODIES

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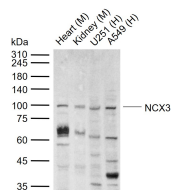
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6547 Target: NCX3 Immunogen: KLH conjugated synthetic peptide derived from human NCX3: 641-740/927. < 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: SLC8A3 is a member of the sodium/calcium exchanger integral membrane protein family. Three mammalian isoforms in family 8 have been identified. Na ⁺ /Ca ²⁺ exchange proteins are involved in maintaining Ca ²⁺ homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na ⁺ for Ca ²⁺ occurs in an electrogenic manner.	Isotype: IgG SWISS: P57103	Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 100 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Kidney tissue lysates Lane 3: Human U251 cell lysates Lane 4: Human A549 cell lysates
 Primary: Anti-NCX3 (bs-2057R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100 kDa
 Observed band size: 100 kDa

— SELECTED CITATIONS —

- **[IF=3.201]** Zhang J et al. TRPV4 Complexes With the Na/Ca 2 Exchanger and IP 3 Receptor 1 to Regulate Local Intracellular Calcium and Tracheal Tension in Mice. Front. Physiol., 06 December 2019. CoIP, WB ; Mouse. doi:10.3389/fphys.2019.01471