

## SLC9A3R1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:4000

**Calculated MW:**50kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SLC9A3R1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

EBP50;NHERF;NHERF-1;NHERF1;NPHLOP2;Regulatory cofactor of Na(+)/H(+) exchanger antibody;Sodium-hydrogen exchanger regulatory factor 1 antibody;Solute carrier family 9 isoform A3 regulatory factor 1 antibody;

**Background:**

NHERF1 is a sodium/hydrogen exchanger regulatory cofactor. It interacts with and regulates various proteins including the cystic fibrosis transmembrane conductance regulator and G-protein coupled receptors such as the beta2-adrenergic receptor and the parathyroid hormone 1 receptor. NHERF1 also interacts with proteins that function as linkers between integral membrane and cytoskeletal proteins. It localizes to actin-rich structures including membrane ruffles, microvilli, and filopodia. Mutations in NHERF1 result in hypophosphatemic nephrolithiasis/osteoporosis type 2, and loss of heterozygosity of this protein is implicated in breast cancer.

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**Catalog #:**A0146

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9368

**Isotype:**IgG

**Swiss Prot:**O14745

**Purity:**Affinity purification

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