

## 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;

**Catalog #:** A0146

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 9368

**Isotype:** IgG

**Swiss Prot:** O14745

**Purity:** Affinity purification

For research use only.

**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.

*To place an order, please [Click HERE](#).*