

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.

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