

Rabbit anti-Human, Mouse NHERF1 Polyclonal Antibody | anti-NHERF1 antibody

Rabbit anti-NHERF1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212085	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

NHERF1; Polyclonal Antibody; Rabbit anti-NHERF1 Antibody; Affinity Purified; Na⁺/H⁺ exchange regulatory co-factor; solute carrier family 9; subfamily A (NHE3; cation proton antiporter 3); member 3 regulator 1; solute carrier family 9 isoform A3 regulatory factor 1; solute carrier family 9 (sodium/hydrogen exchanger); isoform 3 regulatory factor 1; Sodium-hydrogen exchanger regulatory factor 1; regulatory cofactor of Na⁽⁺⁾/H⁽⁺⁾ exchanger; NPHLOP2; NHERF; Na⁽⁺⁾/H⁽⁺⁾ exchange regulatory cofactor NHE-RF1; Ezrin-radixin-moesin-binding phosphoprotein 50; ezrin-radixin-moesin binding phosphoprotein-50; EBP50; NHERF-1; SLC9A3 regulator 1; anti-NHERF1 antibody

PRODUCT SPECIFICATIONS

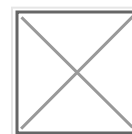
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NHERF1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



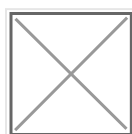
WB (Western Blot)

Detection of human and mouse NHERF1 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-NHERF1 antibody AAA212085 used at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human NHERF1 by western blot of immunoprecipitates. Samples: Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded) cells. Antibodies: Affinity purified rabbit anti-NHERF1 antibody AAA212085 used for WB at 1 ug/ml and for IP at 3 ug/mg lysate. NHERF1 was also immunoprecipitated by rabbit anti-NHERF1 antibody Detection: Chemiluminescence with exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human NHERF1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-NHERF1 (Cat. No. AAA212085 lot 1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-NHERF1 antibody	NHERF1 (sodium-hydrogen exchanger regulatory factor 1) is a sodium/hydrogen exchanger regulatory cofactor. The protein 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. The protein also interacts with proteins that function as linkers between integral membrane and cytoskeletal proteins. The protein localizes to actin-rich structures including membrane ruffles, microvilli, and filopodia. Mutations in this gene result in hypophosphatemic nephrolithiasis/osteoporosis type 2, and loss of heterozygosity of this gene is implicated in breast cancer [taken from NCBI Entrez Gene (Gene ID: 9368)].
Product Categories/Family for anti-NHERF1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759140
NCBI GeneID	9368
NCBI Accession #	NP_004243.1
NCBI GenBank Nucleotide #	NM_004252.4
UniProt Accession #	O14745; O43552; Q86WQ5
Molecular Weight	358
NCBI Official Full Name	Na(+)/H(+) exchange regulatory cofactor NHE-RF1
NCBI Official Synonym Full Names	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 1
NCBI Official Symbol	SLC9A3R1
NCBI Official Synonym Symbols	EBP50; NHERF; NHERF1; NHERF-1; NPHLOP2
NCBI Protein Information	Na(+)/H(+) exchange regulatory cofactor NHE-RF1; Na(+)/H(+) exchange regulatory cofactor NHE-RF1; Na+/H+ exchange regulatory co-factor; regulatory cofactor of Na(+)/H(+) exchanger; ezrin-radixin-moesin binding phosphoprotein-50; ezrin-radixin-moesin-bindi
UniProt Protein Name	Na(+)/H(+) exchange regulatory cofactor NHE-RF1
UniProt Gene Name	SLC9A3R1
UniProt Synonym Gene Names	NHERF; NHERF1; NHERF-1; EBP50
UniProt Entry Name	NHRF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nherf1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212085>