

Mouse anti-Human NHERF1 Monoclonal Antibody | anti-NHERF1 antibody

Anti-NHERF1 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128510	Mouse	Human	Immunohistochemistry, Western Blot, Immunoprecipitation

PRODUCT SYNONYMS

NHERF1; Monoclonal Antibody; Anti-NHERF1 Purified; SLC9A3 regulator 1; EBP50; NPHLOP2; SLC9A3R1; SR1; anti-NHERF1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	EBP-10
Specificity	The mouse monoclonal antibody EBP-10 reacts with NHERF1/EBP50 phosphoprotein of 50 kDa, which serves as an adaptor and regulator protein.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	358
Applicable Applications for anti-NHERF1 antibody	IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation)
Immunogen	Bacterially produced recombinant full-length human NHERF1.
Preparation and Storage	Store at 2-8 degree C. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-NHERF1 antibody	NHERF1 (Na ⁺ /H ⁺ exchanger regulatory factor 1), also known as EBP50 (ezrin, radixin, moesin-binding phosphoprotein 50) is an adaptor protein, which associates with beta-catenin and is required for its localization at the cell-cell junctions, interacts with various G protein-coupled receptors and regulates their traffic, as well as sodium-hydrogen exchange and sodium-dependent phosphate transport. NHERF1/EBP50 inhibits cell motility and is required to suppress anchorage-independent growth. It contains C-terminal ERM (ezrin, radixin, moesin)-binding region and two N-terminal PDZ (postsynaptic-density-95/disc-large/ZO1 homology) domains and is able to form head-to-tail intramolecular conformation to regulate its interactions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4759140
NCBI GeneID	9368
NCBI Accession #	NP_004243.1
NCBI GenBank Nucleotide #	NP_004243.1

UniProt Accession #	O14745
NCBI Official Full Name	Na(+)/H(+) exchange regulatory cofactor NHE-RF1
NCBI Official Synonym Full Names	SLC9A3 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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nherf1-antibody-clone-ebp-10-immunohistochemistry-western-blot-immunoprecipitation-elisa/128510>