

NHRF1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13945
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Na
Synonyms	Na; ⁺ /H; ⁺ exchange regulatory cofactor NHE-RF1 ;NHERF-1;Ezrin-radixin-moesin-binding phosphoprotein 50;EBP50;Regulatory cofactor of Na; ⁺ /H; ⁺ exchanger;Sodium-hydrogen exchanger regulatory f

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes 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.

Recommended Dilution

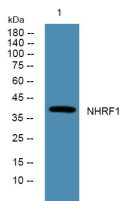
WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year