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NHERF-2 Polyclonal Antibody

Catalog # AP73859

Product Information

Application	WB, E
Primary Accession	Q15599
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37414

Additional Information

Gene ID	9351
Other Names	SLC9A3R2; NHERF2; Na(+)/H(+) exchange regulatory cofactor NHE-RF2; NHERF-2; NHE3 kinase A regulatory protein E3KARP; SRY-interacting protein 1; SIP-1; Sodium-hydrogen exchanger regulatory factor 2; Solute carrier family 9 isoform A3 regulatory factor 2; Tyrosine kinase activator protein 1; TKA-1
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

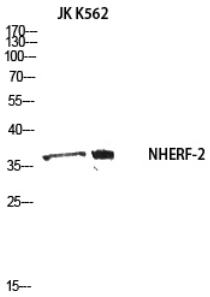
Protein Information

Name	NHERF2 (HGNC:11076)
Synonyms	SLC9A3R2
Function	Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3 (PubMed:18829453). May also act as scaffold protein in the nucleus.
Cellular Location	Endomembrane system; Peripheral membrane protein. Nucleus. Apical cell membrane Note=Localizes with EZR and PODXL at the apical cell membrane of glomerular epithelium cells and the sides of the food processes (By similarity). Nuclear, in a punctate pattern.
Tissue Location	Widely expressed.

Background

Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3 (PubMed:18829453). May also act as scaffold protein in the nucleus.

Images



Western blot analysis of JK K562 using NHERF-2 antibody..
Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.