

Anti-NHERF(Na(+)/H(+)) exchange regulatory cofactor NHE-RF)(Regulatory cofactor of Na(+)/H(+)) exchanger) Polyclonal Antibody

Cat. #: 60B458

Description:

NHERF(Na(+)/H(+)) exchange regulatory cofactor NHE-RF(Regulatory cofactor of Na(+)/H(+)) exchanger) is a 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. The protein is necessary for recycling of internalized ADRB2. NHERF was first known to play a role in the regulation of the activity and subcellular location of SLC9A3. It is necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3.

The protein may enhance Wnt signaling. NHERF to be a candidate tumor suppressor gene in human breast carcinoma that may be interconnected to the SYK and MERLIN suppressors. NHERF links the betaPDGFR to the actin cytoskeleton through its interaction with MERM proteins and regulates cell spreading and migration

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of mouse NHERF(Na(+)/H(+)) exchange regulatory cofactor NHE-RF(Regulatory cofactor of Na(+)/H(+)) exchanger)

References

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- Weinman,E.J., et al, Biochemistry 42 (43), 12662-12668 (2003)

Species: mouse, rat, human
Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)