

## Product Information

### **Anti-SLC9A3R1** **antibody produced in chicken,** **affinity isolated antibody**

Catalog Number **GW21942B**

Formerly listed as GenWay Catalog Number 15-288-21942B, Ezrin-radixin-moesin-binding phosphoprotein 50 Antibody.

Storage Temperature -20 °C

Synonyms: Solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 1, EBP50; NHERF-1; Na<sup>+</sup>/H<sup>+</sup> exchange regulatory cofactor NHE-RF; Regulatory cofactor of Na<sup>+</sup>/H<sup>+</sup> exchanger; Sodium-hydrogen exchanger regulatory factor 1; Solute carrier family 9

#### **Product Description**

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 recycling of internalized ADRB2. Was first known to play a role in the regulation of the activity and subcellular location of SLC9A3. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May enhance Wnt signaling.

NCBI Accession number: NP\_004243.1

Swiss Prot Accession number: O14745

Gene Information: Human .. SLC9A3R1 (9368)

Immunogen: Recombinant protein Solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 1

Immunogen Sequence: Gi # 4759140,  
sequence 240–358

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

#### **Precautions and Disclaimer**

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

#### **Storage/Stability**

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

KAA,LPG,MAM 02/10-1

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.