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Datasheet for ABIN894838

anti-SLC9A3R1 antibody (AA 281-358) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	SLC9A3R1
Binding Specificity:	AA 281-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC9A3R1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EBP50/SLC9A3R1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SLC9A3R1
Alternative Name:	EBP50 (SLC9A3R1 Products)
Background:	Synonyms: EBP 50, EBP50, Ezrin radixin moesin binding phosphoprotein 50, Ezrin-radixin-

Target Details

moesin-binding phosphoprotein 50, Na⁺/H⁺ exchange regulatory cofactor NHE RF, Na⁺/H⁺ exchange regulatory cofactor NHE-RF1, Na⁺/H⁺ exchange regulatory co factor, NHERF 1, NHERF, NHERF-1, NHERF1, NHRF1_HUMAN, NPHLOP2, Regulatory cofactor of Na⁺/H⁺ exchanger, SLC9A3R1, Sodium hydrogen exchanger regulatory factor 1, Sodium-hydrogen exchanger regulatory factor 1, Sodium/hydrogen exchanger regulatory factor 1, Solute carrier family 9 sodium/hydrogen exchanger member 3 regulator 1, Solute carrier family 9 sodium/hydrogen exchanger, isoform 3 regulatory factor 1, Solute carrier family 9 isoform 3 regulatory factor 1, Solute carrier family 9 isoform A3 regulatory factor 1, Solute carrier family 9 member 3 regulator 1.

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 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. May participate in HTR4 targeting to microvilli (By similarity). Interacts with MCC.

Gene ID: 9368

Pathways: [Proton Transport](#), [Platelet-derived growth Factor Receptor Signaling](#), [Negative Regulation of Transporter Activity](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months