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Datasheet for ABIN759296

anti-SLC9A3R1 antibody (AA 281-358)

Overview

Quantity:	100 µL
Target:	SLC9A3R1
Binding Specificity:	AA 281-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC9A3R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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)

Target Details

Background:	<p>Synonyms: EBP 50, EBP50, Ezrin radixin moesin binding phosphoprotein 50, Ezrin-radixin-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.</p> <p>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.</p>
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Gene ID:	9368
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Pathways:	Proton Transport , Platelet-derived growth Factor Receptor Signaling , Negative Regulation of Transporter Activity , SARS-CoV-2 Protein Interactome
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Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months