Datasheet for ABIN759305

anti-SLC9A3R1 antibody (AA 281-358) (HRP)

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Overview

Quantity:	100 µL
Target:	SLC9A3R1
Binding Specificity:	AA 281-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC9A3R1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (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)
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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months