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Datasheet for ABIN5010831

## anti-SLC9A1 antibody (AA 470-550) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	SLC9A1
Binding Specificity:	AA 470-550
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC9A1 antibody is conjugated to Alexa Fluor 680
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 NHE1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SLC9A1
Alternative Name:	Sodium / Hydrogen Exchanger 1 ( <a href="#">SLC9A1 Products</a> )

## Target Details

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Background:	Synonyms: APNH, NHE1, LIKNS, NHE-1, PPP1R143, Sodium/hydrogen exchanger 1, Na(+)/H(+) antiporter, amiloride-sensitive, Na(+)/H(+) exchanger 1, Solute carrier family 9 member 1, SLC9A1, APNH1 Background: Involved in pH regulation to eliminate acids generated by active metabolism or to counter adverse environmental conditions. Major proton extruding system driven by the inward sodium ion chemical gradient. Plays an important role in signal transduction.
Gene ID:	6548
UniProt:	<a href="#">P19634</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Proton Transport</a>

## Application Details

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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

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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 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