

## Anti-Sodium/hydrogen exchanger 2 SLC9A2 Antibody Picoband® Biotin Conjugated

Catalog Number: PA2219-Biotin

### About SLC9A2

Sodium-hydrogen exchanger 2, also called SLC9A2 or NHE2 is a protein that in humans is encoded by the SLC9A2 gene. This gene is mapped to 2q12.1. The Na<sup>+</sup>/H<sup>+</sup> exchangers (NHE) are membrane proteins involved in cell volume. The exchanger (which they called NHE2) is found in several tissues, including intestine and kidney, and is highly expressed in villus and distal convoluted tubules. This gene is involved in pH regulation to eliminate acids generated by active metabolism or to counter adverse environmental conditions. It seems to play an important role in colonic sodium absorption.

### Overview

Product Name	Anti-Sodium/hydrogen exchanger 2 SLC9A2 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UBY0

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SLC9A2, different from the related rat and mouse sequences by two amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users.

Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.  
ELISA, Optimal dilutions should be determined by end users.

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