



# SL9A1 rabbit pAb

Cat No.:ES10282

For research use only

## Overview

<b>Product Name</b>	SL9A1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	SL9A1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Sodium/hydrogen exchanger 1 (APNH) (Na <sup>+</sup> )/H <sup>+</sup> antiporter, amiloride-sensitive) (Na <sup>+</sup> )/H <sup>+</sup> exchanger 1) (NHE-1) (Solute carrier family 9 member 1)
<b>Gene Name</b>	SLC9A1 APNH1 NHE1
<b>Cellular localization</b>	Membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cell membrane; Multi-pass membrane protein. Colocalizes with CHP1 at the reticulum endoplasmic (By similarity). Colocalizes with CHP1 and CHP2 at the plasma membrane. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	90-130kD
<b>Human Gene ID</b>	6548
<b>Human Swiss-Prot Number</b>	P19634
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a Na <sup>+</sup> /H <sup>+</sup> antiporter that is a





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member of the solute carrier family 9. The encoded protein is a plasma membrane transporter that is expressed in the kidney and intestine. This protein plays a central role in regulating pH homeostasis, cell migration and cell volume. This protein may also be involved in tumor growth. [provided by RefSeq, Sep 2011],



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