

Datasheet for ABIN2781584
anti-SLC9A1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SLC9A1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Pig, Rabbit, Cow, Horse, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC9A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC9A1
Sequence:	RSKETSSPGT DDVFTPAPSD SPSSQRIQRC LSDPGPHPEP GEGEPFFPKG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC9A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC9A1
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Target Details

Alternative Name:	SLC9A1 (SLC9A1 Products)
Background:	<p>The Na⁺/H⁺ antiporter (SLC9A1) is a ubiquitous membrane-bound enzyme involved in pH regulation of vertebrate cells. It is specifically inhibited by the diuretic drug amiloride and activated by a variety of signals including growth factors, mitogens, neuro</p> <p>Alias Symbols: APNH, FLJ42224, NHE1, NHE-1</p> <p>Protein Interaction Partner: UBC, CALM1, RPS6KA6, DAXX, NEDD4, ARRB1, WNK1, MAP4K4, CHP2, TESC, MDFI, CHP1, YWHAB, MAPK14, CA2, MAPK1, TNIK,</p> <p>Protein Size: 815</p>
Molecular Weight:	91 kDa
Gene ID:	6548
NCBI Accession:	NM_003047 , NP_003038
UniProt:	P19634
Pathways:	Glycosaminoglycan Metabolic Process , Proton Transport

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 815 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SLC9A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: PANC1 cell lysate SLC9A1 is supported by BioGPS gene expression data to be expressed in PANC1

Western Blotting

Image 2. WB Suggested Anti-SLC9A1 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: PANC1 cell lysate SLC9A1 is supported by BioGPS gene expression data to be expressed in PANC1