

Datasheet for ABIN669435
anti-SLC9A1 antibody (AA 470-550) (HRP)



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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 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 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 (SLC9A1 Products)

Target Details

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:	P19634
Pathways:	Glycosaminoglycan Metabolic Process , Proton Transport

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 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