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Datasheet for ABIN687856
anti-SLC4A7 antibody (AA 1-100) (HRP)

Overview

Quantity:	100 µL
Target:	SLC4A7
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A7 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Slc4a7
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	SLC4A7
Alternative Name:	Slc4a7/Nbcn1 (SLC4A7 Products)
Background:	Synonyms: NBC2, NBC3, SBC2, NBCN1, SLC4A6, Sodium bicarbonate cotransporter 3,

Target Details

Electroneutral Na/HCO₃ cotransporter, Sodium bicarbonate cotransporter 2, Sodium bicarbonate cotransporter 2b, Bicarbonate transporter, Solute carrier family 4 member 7, SLC4A7, BT, NBC2B

Background: Electroneutral sodium- and bicarbonate-dependent cotransporter with a Na(+):HCO₃(-) 1:1 stoichiometry. Regulates intracellular pH and may play a role in bicarbonate salvage in secretory epithelia. May also have an associated sodium channel activity.

Gene ID: 9497

UniProt: [Q9Y6M7](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

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