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Datasheet for ABIN7151507

anti-SLC4A8 antibody (AA 1-300) (Biotin)

Overview

Quantity:	100 µg
Target:	SLC4A8
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A8 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Electroneutral sodium bicarbonate exchanger 1 protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SLC4A8
Alternative Name:	SLC4A8 (SLC4A8 Products)
Background:	Background: Mediates electroneutral sodium- and carbonate-dependent chloride-HCO ₃ ⁽⁻⁾ exchange with a Na ⁽⁺⁾ :HCO ₃ ⁽⁻⁾ stoichiometry of 2:1. Plays a major role in pH regulation in

Target Details

neurons. May be involved in cell pH regulation by transporting HCO_3^- from blood to cell. Enhanced expression in severe acid stress could be important for cell survival by mediating the influx of HCO_3^- into the cells. Also mediates lithium-dependent HCO_3^- cotransport. May be regulated by osmolarity.

Aliases: Electroneutral Na^+ -driven $\text{Cl}^-/\text{HCO}_3^-$ exchanger antibody, Electroneutral sodium bicarbonate exchanger 1 antibody, k-NBC3 antibody, S4A8_HUMAN antibody, Slc4a8 antibody, SLC4A8 protein antibody, Solute carrier family 4 member 8 antibody

UniProt: [Q2Y0W8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: $-20\text{ }^{\circ}\text{C}$, $-80\text{ }^{\circ}\text{C}$

Storage Comment: Upon receipt, store at $-20\text{ }^{\circ}\text{C}$ or $-80\text{ }^{\circ}\text{C}$. Avoid repeated freeze.