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Datasheet for ABIN6735177 **anti-SLC4A9 antibody (C-Term)**

Overview

Quantity:	100 µg
Target:	SLC4A9
Binding Specificity:	C-Term
Reactivity:	Human, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A9 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A 15 AA Peptide sequence near the cytoplasmic C-terminus of human AE4 (1). The peptide was coupled to KLH.
Isotype:	IgG
Specificity:	The 15 AA human control peptide is 100 % conserved in rabbit AE4. The sequence is also the same in proteins listed as human NBC5 (gene accession # AB032762, 657 aa) and NBC (gene accession # AF313465, 990 aa, XM_038736, 959 aa). No significant sequence homology of is detected with other AE1-3 or other transporters. Antibody cross-reactivity in various species is not known. Control peptide, because of its small size (<3kD), is not recommended for western. It should be used as a positive control in ELISA, dot blot or as blocking peptide (use 5-10 µg of control peptide per 1 µg IgG or 1 µL of antiserum) to confirm antibody specificity.
Purification:	Immunoaffinity purified

Target Details

Target:	SLC4A9
Alternative Name:	SLC4A9 / AE4 (SLC4A9 Products)
Background:	Name/Gene ID: SLC4A9 Subfamily: Anion exchanger Family: Transporter Synonyms: SLC4A9, AE4, Anion exchange protein 4, AE 4, Anion exchanger 4, SBC5
Gene ID:	83697
UniProt:	Q96Q91

Application Details

Application Notes:	Approved: ELISA (1:10000 - 1:50000), WB (1:1000 - 1:5000) Usage: Suitable for use in ELISA and Western Blot.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.1 % BSA.
Handling Advice:	avoid freeze thaw cycles. Store undiluted.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Store undiluted.