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Datasheet for ABIN5516158 **anti-SLC5A10 antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	SLC5A10
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC5A10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC5A10
Sequence:	MAANSTSDLH TPGTQLSVAD IIVITVYFAL NVAVGIWSSC RASRNTVNGY
Purification:	Affinity purified

Target Details

Target:	SLC5A10
Alternative Name:	SLC5A10 (SLC5A10 Products)
Background:	This gene is a member of the sodium/glucose transporter family. Members of this family are sodium-dependent transporters and can be divided into two subfamilies based on sequence homology, one that co-transportes sugars and the second that transports molecules such as

Target Details

ascorbate, choline, iodide, lipoate, monocarboxylates, and pantothenate. The protein encoded by this gene has the highest affinity for mannose and has been reported to be most highly expressed in the kidney. This protein may function as a kidney-specific, sodium-dependent mannose and fructose co-transporter. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Alias Symbols: SGLT5, SGLT-5,

Protein Size: 596

Gene ID: 125206

NCBI Accession: [NM_001042450](#), [NP_001035915](#)

UniProt: [A0PJK1](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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.

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.