

**Anti-Human SLC5A6 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA11062**

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3th Edition

**Description:** SLC5A6 is a 635 amino acid protein that belongs to the sodium-coupled glucose transporter family. SMVT contains 12 putative transmembrane domains with the N and C termini both facing towards the cytoplasm. Its function is to transport the essential vitamins pantothenate, biotin, and the metabolite lipoate into cells of various human tissues. Biotin, also known as vitamin B6, is important in synthesizing fatty acids gluconeogenesis, and metabolizing leucine, while pantothenate, or vitamin B5, is critical in the metabolism and synthesis of carbohydrates, proteins, and fats. Lipoate is involved in oxidative metabolism.

**Antigen:** Synthetic peptide of human SLC5A6

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**