

SLC5A8 Rabbit pAb

Catalog No.: A18677

Basic Information

Observed MW

Refer to figures

Calculated MW

67kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

SLC5A8 has been shown to transport iodide by a passive mechanism (Rodriguez et al., 2002 [PubMed 12107270]) and monocarboxylates and short-chain fatty acids by a sodium-coupled mechanism (Gopal et al., 2004 [PubMed 15322102]). In kidney, SLC5A8 functions as a high-affinity sodium-coupled lactate transporter involved in reabsorption of lactate and maintenance of blood lactate levels (Thangaraju et al., 2006 [PubMed 16873376]).

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

160728

Swiss Prot

Q8N695

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

AIT; SMCT; SMCT1; SLC5A8

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.