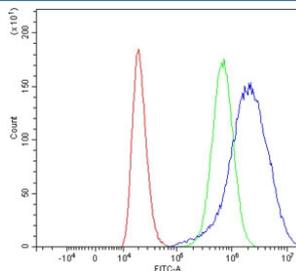


## SLC5A8 Antibody (RQ6576)

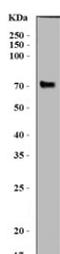
Catalog No.	Formulation	Size
RQ6576	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q8N695
<b>Applications</b>	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This SLC5A8 antibody is available for research use only.



Flow cytometry testing of human 293T cells with SLC5A8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SLC5A8 antibody.



Western blot testing of mouse kidney tissue lysate with SLC5A8 antibody. Predicted molecular weight ~67 kDa.

## Description

Sodium-coupled monocarboxylate transporter 1 is a protein that in humans is encoded by the SLC5A8 gene. SLC5A8 has been shown to transport iodide by a passive mechanism and monocarboxylates and short-chain fatty acids by a sodium-coupled mechanism. In kidney, SLC5A8 functions as a high-affinity sodium-coupled lactate transporter involved in reabsorption of lactate and maintenance of blood lactate levels.

## Application Notes

Optimal dilution of the SLC5A8 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids A313-N598) was used as the immunogen for the SLC5A8 antibody.

## Storage

After reconstitution, the SLC5A8 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.