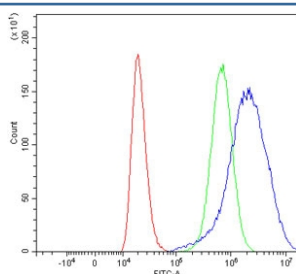


SLC5A8 Antibody (RQ6576)

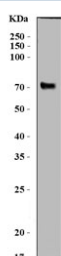
Catalog No.	Formulation	Size
RQ6576	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

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