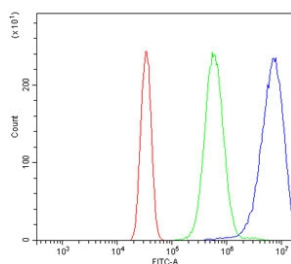


Oat3 Antibody / Slc22a8 (RQ6266)

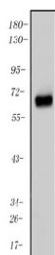
Catalog No.	Formulation	Size
RQ6266	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O88909
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Oat3 antibody is available for research use only.



Flow cytometry testing of human Neuro-2a cells with Oat3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Oat3 antibody.



Western blot testing of mouse kidney lysate with Oat3 antibody. Predicted molecular weight ~60 kDa.

Description

Solute carrier family 22 member 8, or organic anion transporter 3 (OAT3), is a protein that in humans is encoded by the SLC22A8 gene. This gene encodes a protein involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and appears to be localized to the basolateral membrane of the kidney. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.

Application Notes

Optimal dilution of the Oat3 antibody should be determined by the researcher.

Immunogen

A mouse recombinant partial protein (amino acids K69-T534) was used as the immunogen for the Oat3 antibody.

Storage

After reconstitution, the Oat3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.