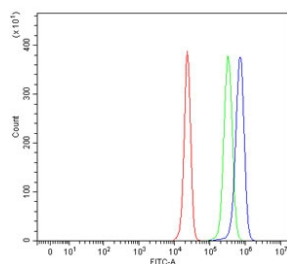


OAT7 Antibody / Organic anion transporter 7 / SLC22A9 (RQ7538)

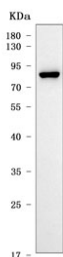
Catalog No.	Formulation	Size
RQ7538	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8IVM8
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This OAT7 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with OAT7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= OAT7 antibody.



Western blot testing of human HCCT cell lysate with OAT7 antibody. Predicted molecular weight ~62 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Solute carrier family 22 member 9, also called Organic anion transporter 7 (OAT7) is a protein that in humans is encoded by the SLC22A9 gene. Enables anion:anion antiporter activity; short-chain fatty acid transmembrane transporter activity; and sodium-independent organic anion transmembrane transporter activity. Involved in hormone transport; short-chain fatty acid import; and sodium-independent organic anion transport. Located in basolateral plasma membrane.

Application Notes

Optimal dilution of the OAT7 antibody should be determined by the researcher.

Immunogen

Amino acids QKKKPSLCEMLHMPNICKRI from the human protein were used as the immunogen for the OAT7 antibody.

Storage

After reconstitution, the OAT7 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.