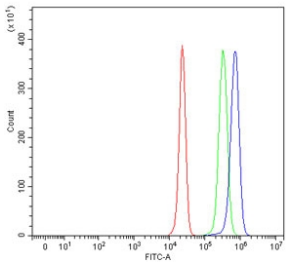
# OAT7 Antibody / Organic anion transporter 7 / SLC22A9 (RQ7538)

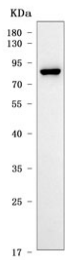
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ7538 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **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<br>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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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