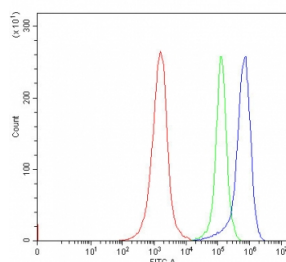


FATP5 Antibody / SLC27A5 / BAL (RQ7662)

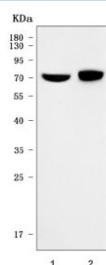
Catalog No.	Formulation	Size
RQ7662	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y2P5
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This FATP5 antibody is available for research use only.



Flow cytometry testing of human Jurkat cells with FATP5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FATP5 antibody.



Western blot testing of 1) human HCCP and 2) rat liver tissue lysate with FATP5 antibody. Predicted molecular weight ~75 kDa.

Description

Bile acyl-CoA synthetase, also called Fatty acid transport protein 5 (FATP5), Bile acid-CoA ligase (BAL) and Cholate--CoA ligase, is an enzyme that in humans is encoded by the SLC27A5 gene. The protein encoded by this gene is an isozyme of very long-chain acyl-CoA synthetase (VLCS). It is capable of activating very long-chain fatty-acids containing 24- and 26-carbons. It is expressed in liver and associated with endoplasmic reticulum but not with peroxisomes. Its primary role is in fatty acid elongation or complex lipid synthesis rather than in degradation. This gene has a mouse ortholog.

Application Notes

Optimal dilution of the FATP5 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids I204-L690) was used as the immunogen for the FATP5 antibody.

Storage

After reconstitution, the FATP5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.