
FATP4 Recombinant Rabbit mAb

Catalog Number: bsm-62978R

Target Protein: FATP4

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 20C7

Isotype: IgG

Applications: WB (1:500-2000), Flow-Cyt (1:20-50), ICC/IF (1:50-200)

Reactivity: Mouse (predicted:Human,Rat)

Predicted MW: 72

Detected MW: 72

Entrez Gene: 10999

Swiss Prot: Q6P1M0

Source: A synthesized peptide derived from human FATP 4: 400-643.

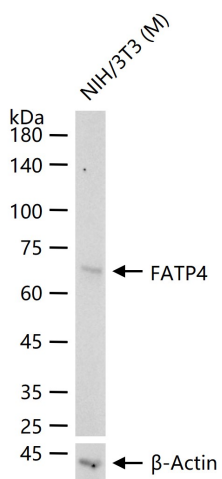
Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Mediates the levels of long-chain fatty acids (LCFA) in the cell by facilitating their transport across cell membranes. Appears to be the principal fatty acid transporter in small intestinal enterocytes. Also functions as an acyl-CoA ligase catalyzing the ATP-dependent formation of fatty acyl-CoA using LCFA and very-long-chain fatty acids (VLCFA) as substrates, which prevents fatty acid efflux from cells and might drive more fatty acid uptake.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with FATP4 monoclonal antibody, unconjugated (bsm-62978R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.