

For Research Use Only

FATP5/SLC27A5 Recombinant antibody, PBS Only

Catalog Number: 84557-1-PBS



Basic Information

| | | |
|---|--|---|
| Catalog Number: 84557-1-PBS | GenBank Accession Number: BC148807 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 10998 | CloneNo.: 241884H2 |
| Source: Rabbit | UNIPROT ID: Q9Y2P5 | |
| Isotype: IgG | Full Name: solute carrier family 27 (fatty acid transporter), member 5 | |
| Immunogen Catalog Number: AG18276 | Calculated MW: 690 aa, 75 kDa | |
| | Observed MW: 70-75 kDa | |

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

SLC27A5, also known as FATP5, ACSVL6, and BAL, 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 (PMID: 10479480). FATP5 mediates the import of long-chain fatty acids (LCFA) by facilitating their transport across cell membranes (PubMed:20448275). FATP5 is associated with endoplasmic reticulum but not with peroxisomes, and its primary role is in fatty acid elongation or complex lipid synthesis. FATP5 is exclusively expressed by the liver and localized to the basal plasma membrane of hepatocytes (PMID:16618416).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

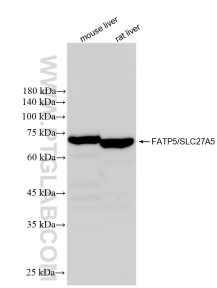
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84557-1-RR (SLC27A5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84557-1-PBS in a different storage buffer formulation.

