

For Research Use Only

SLC27A6 Polyclonal antibody

Catalog Number: 29802-1-AP



Basic Information

Catalog Number:

29802-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32179

GenBank Accession Number:

BC041945

GeneID (NCBI):

28965

UNIPROT ID:

Q9Y2P4

Full Name:

solute carrier family 27 (fatty acid transporter), member 6

Calculated MW:

70 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue

Background Information

SLC27A6, also known as FATP6, ACSVL2, FACVL2, belongs to the ATP-dependent AMP-binding enzyme family. SLC27A6 mediates the import of long-chain fatty acids (LCFA) into the cell by facilitating their transport at the plasma membrane (PMID: 12556534). SLC27A6 plays a pivotal role in regulating available LCFA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation. SLC27A6 is strongly expressed in heart and localizes to cardiac myocytes. SLC27A6 is expressed at moderate levels in placenta, testis, and adrenal glands (PMID: 12556534).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

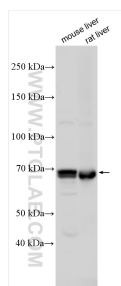
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29802-1-AP (SLC27A6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.