

For Research Use Only

# ELOVL3 Polyclonal antibody, PBS Only

Catalog Number: 32474-1-PBS



## Basic Information

Catalog Number:

32474-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24318

GenBank Accession Number:

BC034344

GeneID (NCBI):

83401

UNIPROT ID:

Q9HB03

Full Name:

elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3

Calculated MW:

32 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

ELOVL3 (elongation of very long-chain fatty acids 3) is a member of the ELOVL family of enzymes that synthesize very long chain fatty acids (VLCFAs). ELOVL3 is expressed primarily in brown and white adipose tissue, skin sebaceous glands, and the liver, synthesizes C20-C24 saturated and monounsaturated fatty acids (PMID: 37847682). ELOVL3 is involved in the regulation of the progression of adipogenesis through activation of peroxisome proliferator-activated receptor (PPAR)  $\gamma$  in mouse adipocytic 3T3-L1 cells (PMID: 22436697, 16326704).

## 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:

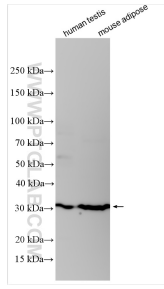
T: 4006900926

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 32474-1-AP (ELOVL3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32474-1-PBS in a different storage buffer formulation.