

OSBPL5 Polyclonal antibody

Catalog Number: 27870-1-AP

Basic Information

Catalog Number:

27870-1-AP

Size:

1100 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27304

GenBank Accession Number:

BC032646

GeneID (NCBI):

114879

UNIPROT ID:

Q9H0X9

Full Name:

oxysterol binding protein-like 5

Calculated MW:

811 aa, 91 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue

Background Information

OSBPL5, also known as oxysterol binding protein like 5, is a protein-coding gene in humans. It is a member of the oxysterol-binding protein (OSBP) family, which consists of intracellular lipid receptors that play a crucial role in maintaining cholesterol balance in the body. It is expressed ubiquitously in various tissues, including the spleen and endometrium. OSBPL5 is classified as a plasma protein and transporter, with a predicted subcellular location in the membrane and intracellular compartments. The protein has been implicated in several biological processes and is involved in the transport of lipids and other molecules between organelles. In terms of disease association, OSBPL5 has been linked to conditions such as Lenz-Majewski hyperostotic dwarfism. Additionally, the OSBPL family of proteins, including OSBPL5, has been suggested to play a role in cancer development, although specific roles in different types of cancer are still being investigated (PMID: 36918840). The molecular weight of OSBPL5 is 98 kDa.

Storage

Storage:

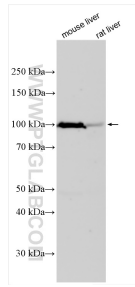
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27870-1-AP (OSBPL5 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.