

For Research Use Only

OSBPL5 Polyclonal antibody

Catalog Number: 27870-1-AP



Basic Information

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| Catalog Number: 27870-1-AP | GenBank Accession Number: BC032646 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 1100 ug/ml by Nanodrop; | GeneID (NCBI): 114879 | Recommended Dilutions: WB 1:2000-1:12000 |
| Source: Rabbit | UNIPROT ID: Q9H0X9 | |
| Isotype: IgG | Full Name: oxysterol binding protein-like 5 | |
| Immunogen Catalog Number: AG27304 | Calculated MW: 811 aa, 91 kDa | |
| | Observed MW: 100 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse liver tissue, rat liver tissue |
| Species Specificity: human, mouse, rat | |

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

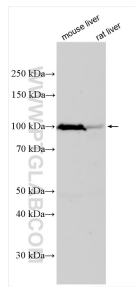
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.