

For Research Use Only

OSBPL5 Polyclonal antibody, PBS Only

Catalog Number: 27870-1-PBS



Basic Information

Catalog Number: 27870-1-PBS	GenBank Accession Number: BC032646	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 114879	
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

Tested Applications:
WB, Indirect ELISA

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

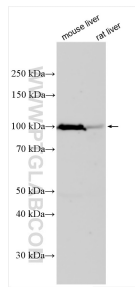
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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) E: proteintech@ptglab.com W: ptglab.com

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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. This data was developed using the same antibody clone with 27870-1-PBS in a different storage buffer formulation.