

For Research Use Only

LBP Polyclonal antibody, PBS Only

Catalog Number: 23559-1-PBS



Basic Information

Catalog Number:

23559-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13485

GenBank Accession Number:

BC022256

GeneID (NCBI):

3929

UNIPROT ID:

P18428

Full Name:

lipopolysaccharide binding protein

Calculated MW:

481 aa, 53 kDa

Observed MW:

53-60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

LBP (lipopolysaccharide-binding protein) is an acute-phase protein, predominantly synthesized by hepatocytes. It is present in normal serum at concentrations of 5 to 10 μ g/ml, rising up to 200 μ g/ml 24 h after induction of an acute-phase response. LBP binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria, and acts as an affinity enhancer for CD14, facilitating its association with LPS. (PMID: 9665271; 11598069)

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, pH7.3

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

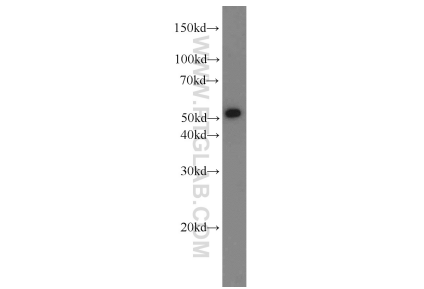
T: 4006900926

E: Proteintech-CN@ptglab.com

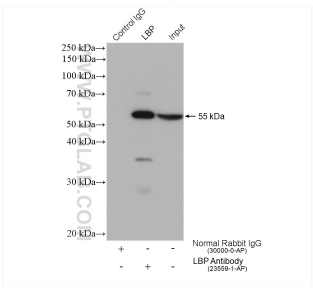
W: ptgcn.com

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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 23559-1-AP (LBP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23559-1-PBS in a different storage buffer formulation.



IP result of anti-LBP (IP:23559-1-AP, 4ug; Detection:23559-1-AP 1:500) with mouse liver tissue lysate 3040 ug. This data was developed using the same antibody clone with 23559-1-PBS in a different storage buffer formulation.