

Datasheet for ABIN7268285

anti-LBP antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LBP
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	LBP Rabbit pAb
Immunogen:	Recombinant fusion protein of Human LBP.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	LBP
Alternative Name:	LBP (LBP Products)
Background:	The protein encoded by this gene is involved in the acute-phase immunologic response to

Target Details

gram-negative bacterial infections. Gram-negative bacteria contain a glycolipid, lipopolysaccharide (LPS), on their outer cell wall. Together with bactericidal permeability-increasing protein (BPI), the encoded protein binds LPS and interacts with the CD14 receptor, probably playing a role in regulating LPS-dependent monocyte responses. Studies in mice suggest that the encoded protein is necessary for the rapid acute-phase response to LPS but not for the clearance of LPS from circulation. This protein is part of a family of structurally and functionally related proteins, including BPI, plasma cholesteryl ester transfer protein (CETP), and phospholipid transfer protein (PLTP). [provided by RefSeq, Apr 2012],BPIFD2,LBP,Immunology & Inflammation,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,LBP

Molecular Weight: 53kDa

Gene ID: 3929

UniProt: [P18428](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [Toll-Like Receptors Cascades](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

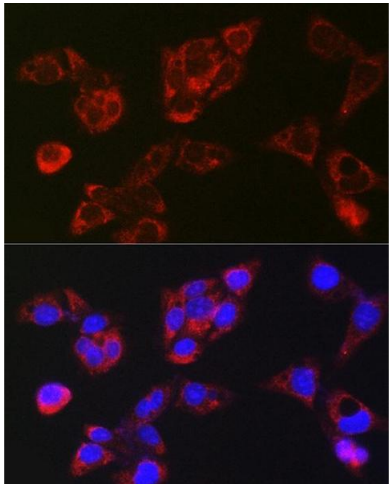
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

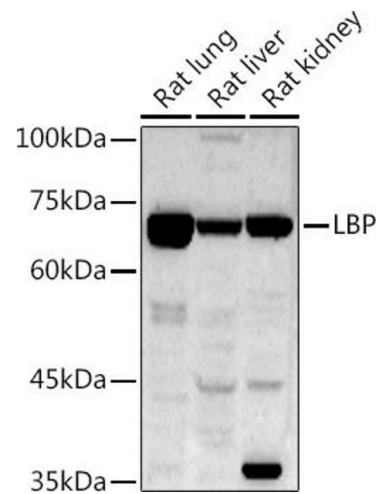
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



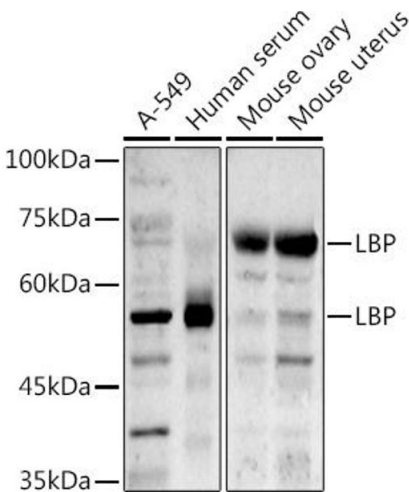
Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells using LBP Rabbit pAb (ABIN7268285) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using LBP antibody (ABIN7268285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using LBP antibody (ABIN7268285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.