

## Rabbit LBP Polyclonal Antibody | anti-LBP antibody

LBP Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA179112</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

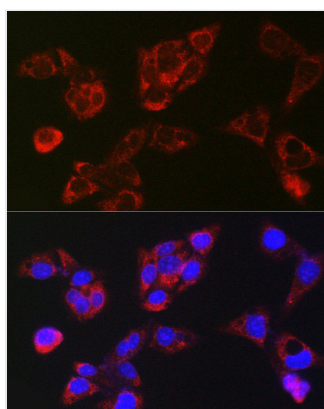
### PRODUCT SYNONYMS

LBP; Polyclonal Antibody; LBP Polyclonal Antibody; BPIFD2; anti-LBP antibody

### PRODUCT SPECIFICATIONS

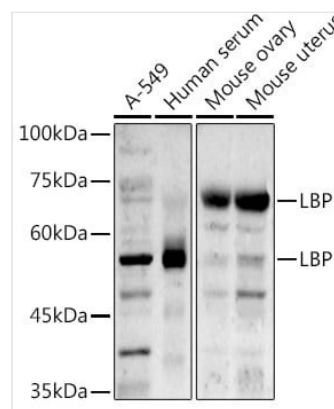
|                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| Host                                          | Rabbit                                                    |
| Reactivity                                    | Human, Mouse, Rat                                         |
| Clonality                                     | Polyclonal                                                |
| Isotype                                       | IgG                                                       |
| Purity/Purification                           | Affinity purification                                     |
| Form/Format                                   | PBS with 0.05% proclin300,50% glycerol,pH7.3.             |
| Concentration                                 | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-LBP antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                     | A synthetic peptide of human LBP                          |
| Research Area                                 | Immunology, Microbiology                                  |
| Preparation and Storage                       | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



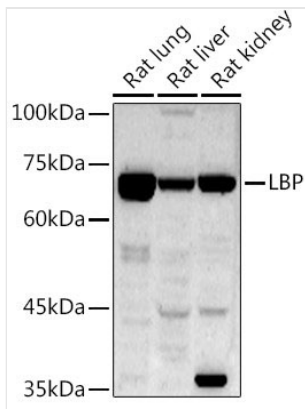
#### IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using LBP Polyclonal Antibody at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines using LBP Polyclonal Antibody at 1:1000 dilution.



**WB (Western Blot)**

Western blot analysis of extracts of various cell lines using LBP Polyclonal Antibody at 1:1000 dilution.

**ADDITIONAL INFORMATION**

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LBP antibody</b> | <p>The protein encoded by this gene is involved in the acute-phase immunologic response to 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]</p> |
| <b>Product Categories/Family for anti-LBP antibody</b>   | <p><a href="#">Antibodies</a>; <a href="#">Primary Antibodies</a>; <a href="#">Polyclonal Antibody</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 31652249                                                                                        |
| NCBI GeneID                      | 3929                                                                                            |
| NCBI Accession #                 | NP_004130.2                                                                                     |
| NCBI GenBank Nucleotide #        | NM_004139.3                                                                                     |
| UniProt Accession #              | P18428; O43438; Q92672; Q9H403; Q9UD66; B2R938                                                  |
| Molecular Weight                 | 53,384 Da                                                                                       |
| NCBI Official Full Name          | lipopolysaccharide-binding protein                                                              |
| NCBI Official Synonym Full Names | lipopolysaccharide binding protein                                                              |
| NCBI Official Symbol             | LBP                                                                                             |
| NCBI Official Synonym Symbols    | BP1FD2                                                                                          |
| NCBI Protein Information         | lipopolysaccharide-binding protein; LPS-binding protein; BPI fold containing family D, member 2 |
| UniProt Protein Name             | Lipopolysaccharide-binding protein                                                              |
| UniProt Gene Name                | <b>LBP</b>                                                                                      |
| UniProt Synonym Gene Names       | LBP                                                                                             |
| UniProt Entry Name               | LBP_HUMAN                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

