

Datasheet

LBP polyclonal antibody

Catalog Number: PAB14383

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant LBP.

Immunogen: Recombinant protein corresponding to human LBP.

Host: Rabbit

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Recommend Usage: ELISA (1:100-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from PBS

Storage Instruction: Store at -20°C on dry atmosphere.

After reconstitution with deionized water, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3929

Gene Symbol: LBP

Gene Alias: MGC22233

Gene Summary: 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). Finally, this gene is found on chromosome 20, immediately downstream of the BPI gene. [provided by RefSeq]