

LBP polyclonal antibody

Catalog # PAB14383 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant LBP.
Immunogen	Recombinant protein corresponding to human LBP.
Host	Rabbit
Reactivity	Human
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.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LBP

Entrez GeneID	3929
Gene Name	LBP
Gene Alias	MGC22233
Gene Description	lipopolysaccharide binding protein

Omim ID [151990](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations LPS-binding protein|OTTHUMP00000030965|lipopolysaccharide-binding protein

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endocarditis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Gram-Negative Bacterial Infections](#)
- [Leukemia](#)

- [Liver Cirrhosis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Myocardial Infarction](#)
- [Neutropenia](#)
- [Pregnancy Complications](#)
- [Sepsis](#)
- [Staphylococcal Infections](#)
- [Tobacco Use Disorder](#)
- [Vaginosis](#)
- [Wounds and Injuries](#)