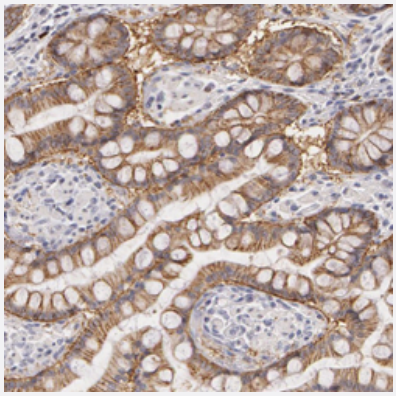
LBP polyclonal antibody

Catalog # PAB28447 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine with LBP polyclonal antibody (Cat # PAB28447) shows moderate cytoplasmic and membranous positivity in glandular cells at 1:150 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant LBP.
Immunogen	Recombinant protein corresponding to amino acids of recombinant LBP.
Sequence	EGYLNFSITDDMIPPDSNIRLTTKSFRPFVPRLARLYPNMNLELQGSVPSAPLLNFSPGNLSVDPY MEIDAFVLLPSSSKEPVFRLSVATNVSATLTFNTSKITGFLKPGKVKVELKESKVGLFNAELLEALL NYYI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry(1:150) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — LBP

Entrez GeneID	3929
Protein Accession#	P18428
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-n egative bacterial infections. Gram-negative bacteria contain a glycolipid, lipopolysaccharide (LP S), on their outer cell wall. Together with bactericidal permeability-increasing protein (BPI), the en coded protein binds LPS and interacts with the CD14 receptor, probably playing a role in regulati ng LPS-dependent monocyte responses. Studies in mice suggest that the encoded protein is nec essary for the rapid acute-phase response to LPS but not for the clearance of LPS from circulatio n. This protein is part of a family of structurally and functionally related proteins, including BPI, plas ma cholesteryl ester transfer protein (CETP), and phospholipid transfer protein (PLTP). Finally, thi s gene is found on chromosome 20, immediately downstream of the BPI gene. [provided by RefS eq
Other Designations	LPS-binding protein|OTTHUMP00000030965|lipopolysaccharide-binding protein

Pathway

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- 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

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- Vaginosis
- Wounds and Injuries

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