

LBP antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11907**Specification**

LBP antibody - C-terminal region - Product Information

Application	IHC, WB
Primary Accession	P18428
Other Accession	NM_004139 , NP_004130
Reactivity	Human, Pig, Horse, Bovine
Predicted	Human, Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

LBP antibody - C-terminal region - Additional Information**Gene ID** 3929

Alias Symbol	MGC22233, BPIFD2
Other Names	
Lipopolysaccharide-binding protein, LBP, LBP	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LBP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LBP antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LBP antibody - C-terminal region - Protein Information**Name** LBP**Function**

Plays a role in the innate immune response. Binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria (PubMed: [7517398](http://www.uniprot.org/citations/7517398), PubMed: [24120359](http://www.uniprot.org/citations/24120359)). Acts as an affinity enhancer for CD14, facilitating its association with LPS. Promotes the release of cytokines in response to bacterial lipopolysaccharide (PubMed: [7517398](http://www.uniprot.org/citations/7517398), PubMed: [24120359](http://www.uniprot.org/citations/24120359)).

Cellular Location

Secreted. Cytoplasmic granule membrane {ECO:0000250|UniProtKB:P17213}. Note=Membrane-associated in polymorphonuclear Leukocytes (PMN) granules {ECO:0000250|UniProtKB:P17213}

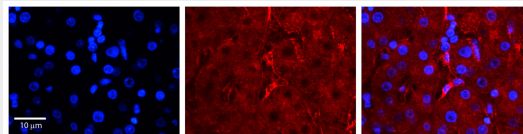
Tissue Location

Detected in blood serum (at protein level).

LBP antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LBP antibody - C-terminal region - Images

LBP antibody - C-terminal region (AI11907)

Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cell membrane in endothelial cell in sinusoids

Primary Antibody

Concentration: 1:100 Other Working Concentrations: 1/600

Secondary Antibody: Donkey anti-Rabbit-Cy3

Secondary Antibody

Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 - 2.0 sec



WB Suggested Anti-LBP Antibody Titration: 0.2-1 µg/ml

Positive Control: HepG2 cell lysate