

LBP antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11906**Specification**

LBP antibody - middle region - Product Information

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

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

LBP antibody - middle 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: [24120359](http://www.uniprot.org/citations/24120359), PubMed: [7517398](http://www.uniprot.org/citations/7517398)). Acts as an affinity enhancer for CD14, facilitating its association with LPS. Promotes the release of cytokines in response to bacterial lipopolysaccharide (PubMed: [24120359](http://www.uniprot.org/citations/24120359), PubMed: [7517398](http://www.uniprot.org/citations/7517398)).

Cellular Location

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

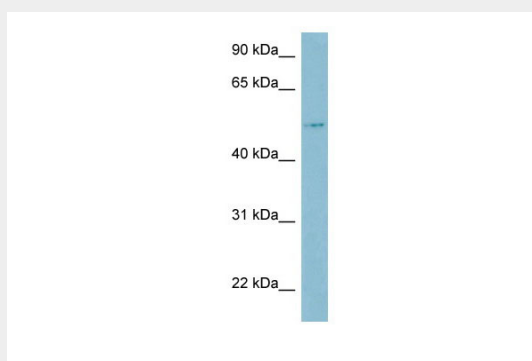
Tissue Location

Detected in blood serum (at protein level).

LBP antibody - middle 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 - middle region - Images

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

ELISA Titer: 1:312500

Positive Control: THP-1 cell lysate