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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:7517398, PubMed: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, PubMed:24120359).

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

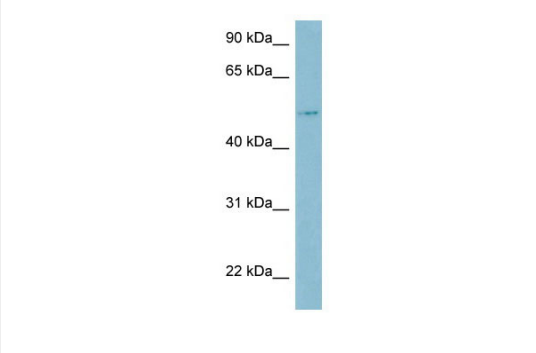
Tissue Location
Detected in blood serum (at protein level).

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 Cytomety
- 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