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LBP antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11907

Product Information

Application	WB, IHC
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	53384

Additional Information

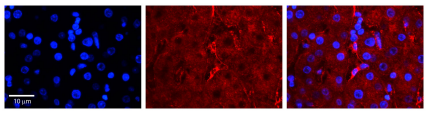
Gene ID	3929
Alias Symbol	MGC22233, BPIFD2
Other Names	Lipopolysaccharide-binding protein, LBP, LBP
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-LBP antibody concentration is 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.

Protein Information

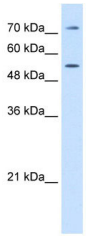
Name	LBP
Function	Plays a role in the innate immune response. Binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria (PubMed:24120359, PubMed:7517398). Acts as an affinity enhancer for CD14, facilitating its association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

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.