À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-LBP

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:11836-1-AP 3 Publications

Informations de base

Numéro de catalogue:
11836-1-AP

Taille:
150ul , Concentration: 150 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2431

Numéro d'acquisition GenBank:
BC022256

Identification du gène (NCBI):
3929

Nom complet:
lipopolysaccharide binding protein

MW calculé
481 aa, 53 kDa

MW observés:
63-67 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

Applications testées:
FC, IF, IHC, IP, WB,ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu hépatique de souris, cellules A431, cellules A549, cellules HeLa, cellules Jurkat, cellules L02, tissu hépatique de rat

IP : tissu hépatique de souris,

IHC : tissu hépatique humain,

IF : cellules L02, cellules HepG2

Informations générales

LBP belongs to the BPI/LBP/Plunc superfamily and BPI/LBP family. It binds to the lipid A moiety of bacterial lipopolysaccharides (LPS) which is a glycolipid present in the outer membrane of all Gram-negative bacteria. The LBP/LPS complex seems to interact with the CD14 receptor. LBP is involved in the acute-phase immunologic response to gram-negative bacterial infections. In many tissue/cells, we get 53-60kd and 63-67kd(Glycosylation form).

Publications notables

Autrice	Pubmed ID	Journal	Application
Nataliya Smith	31628293	J Neurosurg	
Takafumi Kobayashi	31714656	J Biomed Mater Res A	IHC
Ning Wang	29573061	Cancer Sci	WB

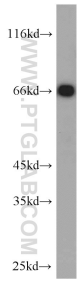
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

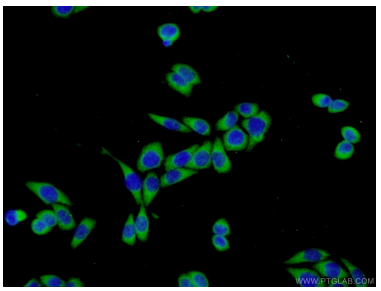
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

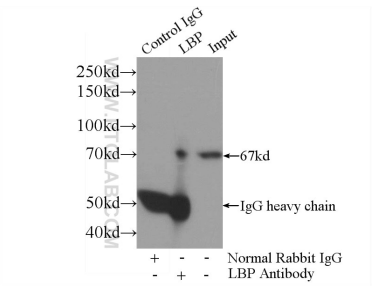
Données de validation sélectionnées



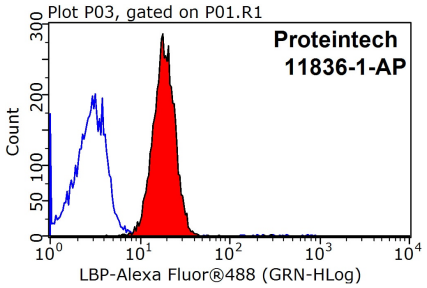
mouse liver tissue were subjected to SDS PAGE followed by western blot with 11836-1-AP (LBP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



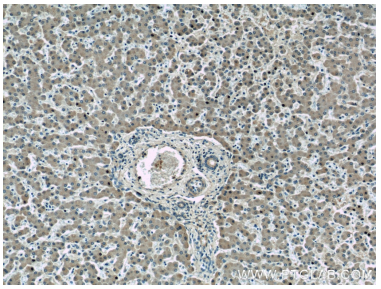
Immunofluorescent analysis of L02 cells using 11836-1-AP (LBP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



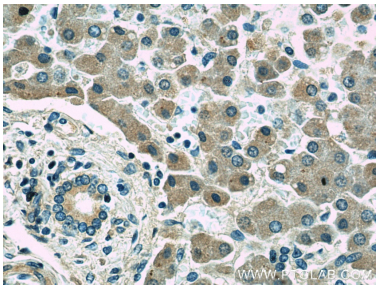
IP Result of anti-LBP (IP:11836-1-AP, 4ug; Detection:11836-1-AP 1:1000) with mouse liver tissue lysate 4000ug.



1X10^6 HeLa cells were stained with 0.2ug LBP antibody (11836-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Immunohistochemical analysis of paraffin-embedded human liver slide using 11836-1-AP (LBP Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human liver slide using 11836-1-AP (LBP Antibody) at dilution of 1:50.