

PAB406Mu02

Polyclonal Antibody to Lipopolysaccharide Binding Protein (LBP)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: LBP, Mouse

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant LBP (Gly25~Val481) expressed in *E.coli*.

Accession No.: RPB406Mu02

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- GVNPGV VARITDKGLA
YAAKEGLVAL QRELYKITLP DFSGDFKIKA VGRGQYEFHS LEIQNCELRG SSLKLLPGQG
LSLAISDSSI GVRGKWKVRK SFLKLHGSFD LDVKGVTISV DLLLGMDPSG RPTVSASGCS
SRICDLDVHI SGNVGWLLNL FHNQIESKLQ KVLENKVCEM IQKSVTSDLQ PYLQTLPVTA
EIDNVLGIDY SLVAAPQAKA QVLDVMFKGE IFNRNHRSPV ATPTPTMSLP EDSKQMVYFA
ISDYAFNIAS RYVHQAGYLN FSITDDMLPH DSGIRLNTKA FRPFTPQIYK KYPDMKLELL
GTVVSAPILN VSPGNLSLAP QMEIEGFVIL PTSAREPVFR LGVVTNVFAS LTFNNSKVTG
MLHPDKAQVR LIESKVGMFN VNLFQAFLNY YLLNSLYPDV NAELAQQGFPL PLPRHIQLHD
LDFQIRKDFL YLGANVQYMR V

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against LBP. It has been selected for its ability to recognize LBP in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

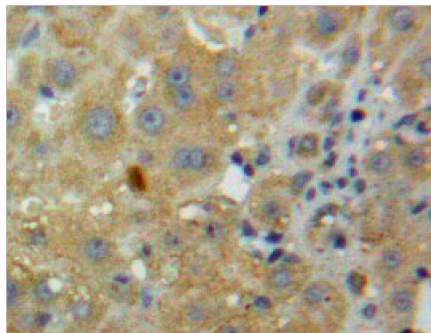
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

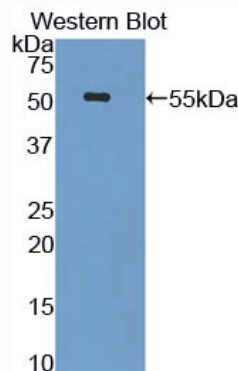
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on formalin fixed
paraffin-embedded Liver tissue



Used in Western Blot, Sample:
Recombinant LBP, Mouse

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant LBP (Gly25~Val481) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.