

Datasheet for ABIN7440593
anti-LBP antibody (AA 25-481)

3 Images

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Overview

Quantity:	100 µL
Target:	LBP
Binding Specificity:	AA 25-481
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Lipopolysaccharide Binding Protein (LBP)
Immunogen:	Recombinant Lipopolysaccharide Binding Protein (LBP) corresponding to Gly25~Val481 with N-terminal His Tag
Isotype:	IgG
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.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

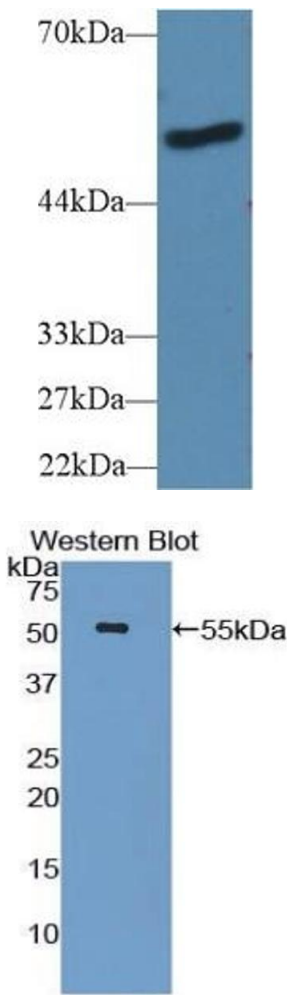
Target:	LBP
Alternative Name:	Lipopolysaccharide Binding Protein (LBP Products)
Background:	LPS-Binding Protein
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Toll-Like Receptors Cascades , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

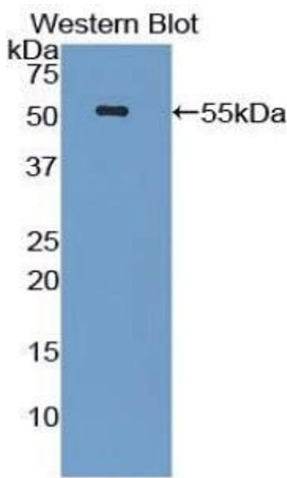
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



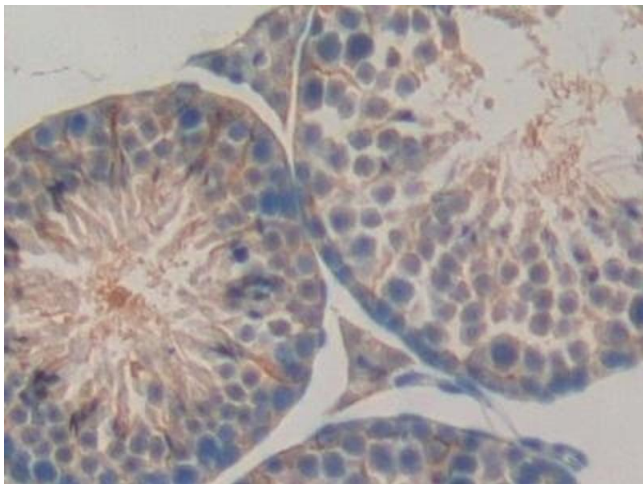
Western Blotting

Image 1. Detection of LBP in Human A431 cell lysate using Polyclonal Antibody to Lipopolysaccharide Binding Protein (LBP)



Western Blotting

Image 2. Detection of Recombinant LBP, Mouse using Polyclonal Antibody to Lipopolysaccharide Binding Protein (LBP)



Immunohistochemistry

Image 3. Detection of LBP in Mouse Testis Tissue using Polyclonal Antibody to Lipopolysaccharide Binding Protein (LBP)