

**pA94645Mu01**  
**Polyclonal Antibody to FKBP5 Binding Protein 5 (FKBP5)**  
**Organism: Mus musculus (Mouse)**  
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

## **[ PRODUCT INFORMATION ]**

**Immunogen:** FKBP5, 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 FKBP5 (Thr2~Val456) expressed in *E.coli*.

**USCN Accession No.:** rP94645Mu01

**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-TTDEGTSNN GENPAATMTE QGEDITTKKD RGVLKIVKRV  
GTSDEAPMFG DKVYVHYKGM LSDGKKFDSS HDRKKPFAFS LGQGQVIKAW  
DIGVSTMKKG EICLLCKPE YAYGSAGHLQ KIPSNATLFF EIELLDFKGE DLFEDSGVIR  
RIKRKGEYS NPNEGATVKV HLEGCCGGRTFDCRDVVFVV GEGEDHDIPI GIDKALVKMQ  
REEQCILYLG PRYGFGEAGK PKFGIDPNAE LMYEVTLSKF EKAKESWEMD TKEKLTQAAI  
VKEKGTVYFK GGKYTQAVIQ YRKIVSWLEM EYGLSEKESK ASESFLLAIF LNLAMCYLKL  
REYNKAVECC DKALGLDSAN EKGLYRRGEA QLLMNDFESA KGDFEKVLAV NPQNRAARLQ  
ISMQRKAKE HNERDRRVYA NMFKKFAERD AKEEASKAGS KKAVERGAAGK  
QHESQAMEEG KAKGHV

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against FKBP5. It has been selected for its ability to recognize FKBP5 in immunohistochemical staining and western blotting.

## **[ APPLICATIONS ]**

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Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

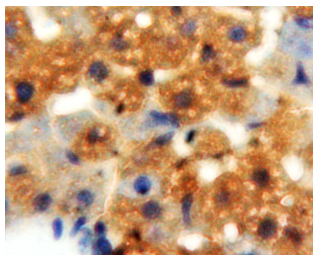
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

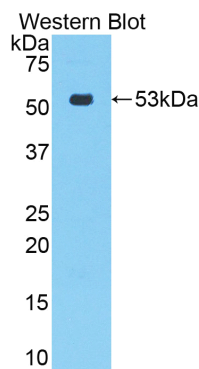
Enzyme-linked Immunosorbent Assay: 1:100-200

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 FKBP5, Mouse

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02%  $\text{NaN}_3$ , 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant FKBP5 (Thr2~Val456) 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%,  $\text{NaN}_3$  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.

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