

**PAB983Mu01****Polyclonal Antibody to Microtubule Associated Protein Tau (MAPt)****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:** MAPt, 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 MAPt (Ala92~Val400) expressed in *E.coli*.**Accession No.:** RPB983Mu01**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- AEEAGIGDT PNQEDQAAGH  
VTQARVASKD RTGNDEKKAK GADGKTGAKI ATPRGAASPA QKGTSNATRI PAKTTPSPKT  
PPGSGEPPKS GERSGYSSPG SPGTPGSRSR TPSLPTPPTR EPKKVAVVRT PPKSPSASKS  
RLQTAPVPMP DLKNVRSKIG STENLKHQPG GQKVQIINKK LDLSNVQSKC GSKDNIKHVP  
GGGSVQIVYK PVDLSKVTSK CGSLGNIHHK PGGGQVEVKS EKLDKFDKRVQ SKIGSLDNIT  
HVPGGGNKKI ETHKLTREN AKAKTDHGAE IVYKSPVVS GDTSPRHLSNV

**[ ANTIBODY SPECIFICITY ]**

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

**[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

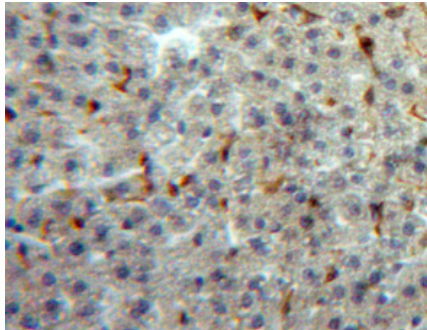
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

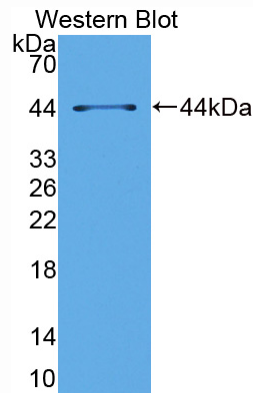
Enzyme-linked Immunosorbent Assay: 1:100-200

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 MAPt, Mouse

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant MAPt (Ala92~Val400) 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%, NaN<sub>3</sub> 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.