

PAA797Ra01**Polyclonal Antibody to Angiotensinogen (AGT)****Organism Species: *Rattus norvegicus* (Rat)*****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:** AGT, Rat**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 AGT (Asp25~Val477) expressed in *E.coli*.**USCN Accession No.:** RPA797Ra01**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTTD DDKAMADIGS EF- DRVYIH
PFHLLYYSKS TCAQLENPSV ETLPEPTFEP VPIQAKTSPV DEKTLRDKLV LATEKLEAED
RQRAAQVAMI ANFMGFRMYK MLSEARGVAS GAVLSPPALF GTLVSFYLGSLDPTASQLQV
LLGVPVKEGD CTSRLDGHKV LTALQAVQGL LVTQGGSSSQ TPLLQSTVVG LFTAPGLRLK
QPFEVSLGPF TPAIFPRSLD LSTDPVLAQK KINRFVQAVT GWKMNPLLEG VSTDSTLFFN
TYVHFQGKMR GFSQLTGLHE FWVDNSTS SVS VPMLSGTG NF QHWSDAQNNF
SVTRVPLGES VTLILLIQPQC ASDLDRVEVL VFQHDFTWI KNPPPRAIRL TLPQLEIRGS
YNLQDLLAQA KLSTLLGAEA NLGKMGDTNP RVGEVLNSIL LELQAGEEEQ PTESAQQPGS
PEVLDVTLSS PFLFAIYERD SGALHFLGRV DNPQNVV

[ANTIBODY SPECIFICITY]

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

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

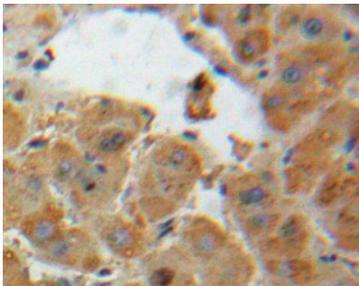
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

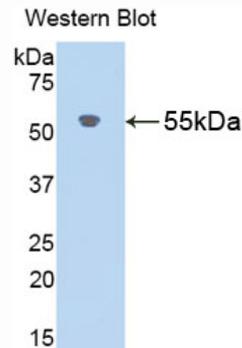
Enzyme-linked Immunosorbent Assay: 1:100-200

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 AGT,Rat

[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 AGT (Asp25~Val477) 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.