

PAD523Hu01

Polyclonal Antibody to Heat Shock Protein 90kDa Alpha A1 (HSP90aA1)**Organism Species: Homo sapiens (Human)*****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:** HSP90aA1, Human**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 HSP90aA1 (Met1~Asp732) expressed in *E.coli*.**Accession No.:** RPD523Hu01**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGS-MPEETQTQDQ PMEEEEVETF AFQAEIAQLM SLINTFYSN KEIFLRELIS
NSSDALDKIR YESLTDP SKL DSGKELHINL IPNKQDRTL IVD TGIGMTK ADLNNLGTI
AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV ITKHNDDEQY AWESSAGGSF
TVRTDTGEPM GRGTKVILHL KEDQTEYLEE RRIKEIVKKH SQFIGYPITL FVEKERDKEV
SDDEAEEKED KEEEEKEEEK ESEDKPEIED VGSDEEEEEK DGDKKKKKKI KEKYIDQEEL
NKTPIWTRN PDDITNEEYG EFKSLTNDW EDHLAVKHFS VEGQLEFRAL LFVPRRAPFD
LFENRKKKNN IKLYVRRVFI MDNCEELIPE YLNFIRGVVD SEDLPLNISR EMLQQSKILK
VIRKNLVKKC LELFTELAED KENYKKFYEQ FSKNIKLG IHSQNRKKLS ELLRYYSAS
GDEMVS LKDY CTRMKENQKH IYYITGETKD QVANS AFVER LRKHGLEVIY MIEPIDEYCV
QQLKEFEGKT LSVTKEGLE LPEDEEEKKK QEEKKTKFEN LCKIMKDILE KKVEKVVVSN
RLVTSPCCIV TSTYGWTANM ERIMKAQALR DNSTMGYMAA KKHLEINPDH SIETLRQKA
EADKNDKSVK DLVILLYETA LLSSGFSLED PQTHANRIYR MIKLG LGIDE DDPTADDTSA
AVTEEMPPL E GDDDTSRMEE VD

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against HSP90aA1. It has been selected for its ability to recognize HSP90aA1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

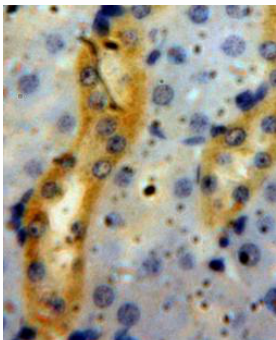
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

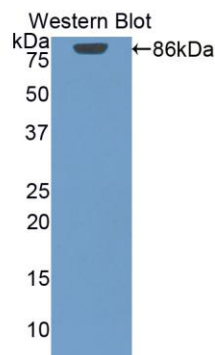
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



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



Used in Western Blot, Sample:
Recombinant HSP90aA1, Human

[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 HSP90aA1 (Met1~Asp732) 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.