

**PAG943Hu01****Polyclonal Antibody to Ubiquitin Carboxyl Terminal Hydrolase L5 (UCHL5)****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:** UCHL5, 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 UCHL5 (Thr2~Lys316) expressed in *E.coli*.**Accession No.:** RPG943Hu01**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHS G SEF- TGNAGEWCL MESDPGVFTE LIKGF GCRGA QVEE IWSLEP  
ENFEK LKPVH GLIFL FKWQP GEEPAGSVVQ DSRLDTIFFA KQVINNACAT QAIVSVLLNC  
THQDVHLGET LSEFK EFSQS FDAAMKGLAL SNSDVIRQVH NSFARQQMFE FDTKTSAKEE  
DAFHVSYVP VNGRLYELDG LREGPIDLGA CNQDDWISAV RPVIEKRIQK YSEGEIRFNL  
MAIVSDR KMI YEQKIAELQR QLAE EPM DTD QGNSMLS AIQ SEVAKNQMLI EEEVQKLKRY  
KIENIRRKHN YLPFIMELLK TLAHQQLIP LVEKGK

**[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against UCHL5. It has been selected for its ability to recognize UCHL5 in immunohistochemical staining and western blotting.

**[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

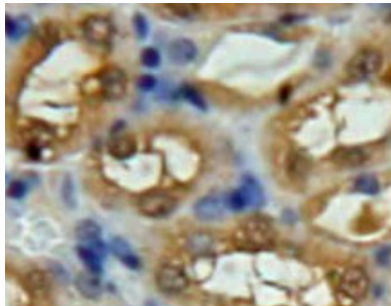
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

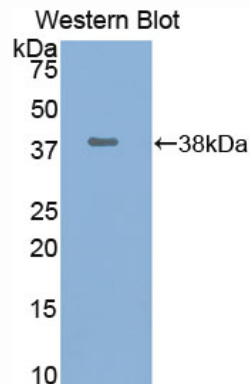
Enzyme-linked Immunosorbent Assay: 1:100-200

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 UCHL5,Human

## [ 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 UCHL5 (Thr2~Lys316) 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.