

**PAA337Hu01****Polyclonal Antibody to GATA Binding Protein 2 (GATA2)****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:** GATA2, 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 GATA2 (Pro175~Gly480) expressed in *E.coli*.**Accession No.:** RPA337Hu01**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- PTPPKE VSPDPSTTGA  
ASPASSSAGG SAARGEDKDG VKYQVSLTES MKMESGSPLR PGLATMGTPQ ATHHPIPTYP  
SYVPAAAHDY SSGLFHPPGGF LGGPASSFTP KQRSKARSCS EGRECVNCGA  
TATPLWRRDG TGHYLCNACG LYHKMNGQNR PLIKPKRRLS AARRAGTCCA NCQTTTTTLW  
RRNANGDPVC NACGLYYKLH NVNRPLTMKK EGIQTRNRKM SNKSKKSKKG AECFEELSKC  
MQEKSSPFSA AALAGHMAPV GHLPPFSHSG HILPTPTPIH PSSSLSGHP HPSSMVTAMG

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against GATA2. It has been selected for its ability to recognize GATA2 in immunohistochemical staining and western blotting.

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

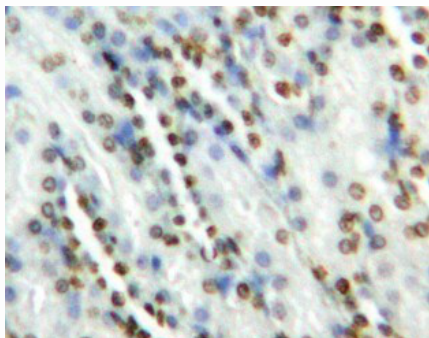
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

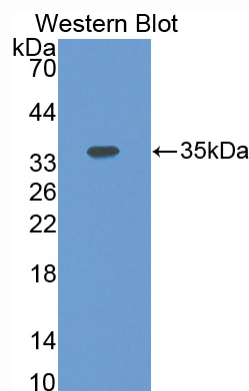
Enzyme-linked Immunosorbent Assay: 1:100-200

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 GATA2, 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 GATA2 (Pro175~Gly480) 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.