

**pA90717Hu01**

**Polyclonal Antibody to Hypoxanthine Phosphoribosyltransferase 1 (HPRT1)**

**Organism: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

## [ **PRODUCT INFORMATION** ]

**Immunogen:** HPRT1, Human

**Clonality:** Polyclonal

**Host:** Rabbit

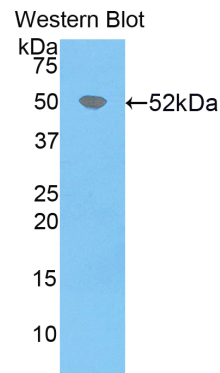
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F, ELISA

**Concentration:** 200µg/mL

**UOM:** 100µg



*Sample: Recombinant HPRT1, Human*




## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant HPRT1 (Thr3~Ala218) expressed in *E.coli*.

**USCN Accession No.:** rP90717Hu01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL  
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD  
VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGDHPPKSD  
GSTSGSGHHH HHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV  
LFQGPLGSEF-TRSPGVVI SDDEPGYDL DFCIPNHAE DLERVFIPHG LIMDRTERLA  
RDVMKEMGGH HIVALCVLKG GYKFFADLLD YIKALNRNSD RSIPMTVDFI RLKSYCNDQS  
TGDIVIGGD DLSTLTGKNV LIVEDIIDTG KTMQTLTSLV RQYNPKMVKV ASLLVKRTPR  
SVGYKPDFVG FEIPDKFVVG YALDYNEYFR DLNHVCVISE TGKAKYKA

**Unique product Superb quality Client favorite Nicest service**  ISO9001:2008;  ISO13485:2003;  CE

## [ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against HPRT1. It has been selected for its ability to recognize HPRT1 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.

## [ 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 HPRT1 (Thr3~Ala218) 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.