

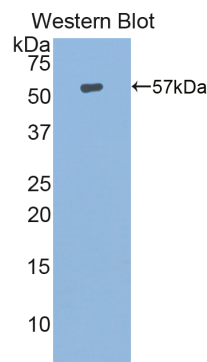
**pA93503Hu01**  
**Polyclonal Antibody to Heat Shock 70kDa Protein 14 (HSPA14)**  
**Organism: Homo sapiens (Human)**  
***Instruction manual***

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

7th Edition (Revised in May, 2013)

## [ PRODUCT INFORMATION ]

**Immunogen:** HSPA14, 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 HSPA14, Human*

## [ IMMUNOGEN INFORMATION ]

**Immunogen:** Recombinant HSPA14 (Met1~Ser509) expressed in *E. coli*.  
**USCN Accession No.:** rP93503Hu01  
**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHHSG S-MAAIGVHLGC TSACVAVYKD GRAGVVANDA GDRVTPAVVA  
 YSENEEIVGL AAKQSRIRNI SNTVMKVQKI LGRSSSDPQA QKYIAESKCL VIEKNGKLRY  
 EIDTGEETKF VNPEDVARLI FSKMKETAHS VLGSDANDVV ITVPDFGGEK QKNALGEAAR  
 AAGFNVRLRI HEP5AALLAY GIGQDSPTGK SNILVFKLGG TSLSLVMEV NSGIYRVLST  
 NTDDNIGGAH FTETLAQYLA SEFQRSFKHD VRGNARAMMK LTNSAEVAKH SLSTLGSANC  
 FLDSLYEGQD FDCNVSRRAR ELLCSPLFNK CIEAIRGLLD QNGFTADDIN KVVLCGGSSR  
 IPKLQQLIKD LFPVAVELLNS IPPDEVIPIG AAIEAGILIG KENLLVEDSL MIECSARDIL  
 VKGVDESGAS RFTVLFPSTG PLPARRQHTL QAPGSISSVC LELYESDGKN SAKEETKFAQ  
 VVLQDLDKKE NGLRDILAVLTMKRDGSLHV TCTDQETGKC EASIEIAS

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

## [ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against HSPA14. It has been selected for its ability to recognize HSPA14 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%  $\text{NaN}_3$ , 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant HSPA14 (Met1~Ser509) 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%,  $\text{NaN}_3$  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.