

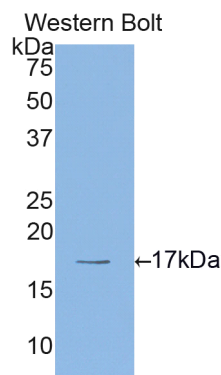
**pA84852Po01**  
**Polyclonal Antibody to Histone H4 (H4)**  
**Organism: *Sus scrofa*; Porcine (Pig)**  
***Instruction manual***

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

7th Edition (Revised in May, 2013)

## [ **PRODUCT INFORMATION** ]

**Immunogen:** H4, Porcine  
**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 H4, Porcine*

## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant H4 (Ser2~Gly103) expressed in *E.coli*.  
**USCN Accession No.:** rP84852Po01  
**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.  
 MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-  
 SGRGKGGKG LGKGGAKRHR KVL RDNIQGI TKPAIRRLAR RGGVKRISGL IYEETRGVLK  
 VFLENVIRDA VTYTEHAKRK TVTAMDVVYA LKRQGR TLYG FGG

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

11271 Richmond Avenue, H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Email: mail@uscnk.us | Http://www.uscnk.us  
 Export Processing Zone, Wuhan 430056, P.R.China | Toll free: 0086-800-880-0687 | Fax: 0086-27-8425-9551 | Email: mail@uscnk.com | Http://www.uscnk.com

## [ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against H4. It has been selected for its ability to recognize H4 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 H4 (Ser2~Gly103) 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.

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