

**LAA957Hu71****Biotin-Linked Polyclonal Antibody to Procollagen I N-Terminal Propeptide (PINP)****Organism Species: Homo sapiens (Human)*****Instruction manual***

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

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11th Edition (Revised in May, 2016)

**[ PROPERTIES ]****Source:** Antibody labeling**Host:** Rabbit**Purification:** Antigen-specific Affinity Chromatography.**Label:** Biotin**Original Antibody:** PAA957Hu09**Traits:** Liquid**Concentration:** 200µg/mL**UOM:** 100µg**Applications:** WB; ICC; IHC-P; IHC-F; IF; ELISA.**[ IMMUNOGEN ]****Immunogen:** Synthetic Peptide, PINP conjugated to KLH**Accession No.:** CPA957Hu32**Sequence:** The target peptide sequence is listed below.

TKNCPGAEVPEGECCP

**[ APPLICATIONS ]**

Western blotting: 0.5-2ug/ml

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.