

**PAB316Hu02****Polyclonal Antibody to Procollagen C Proteinase Enhancer 1 (PCPE1)****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:** PCPE1, 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 PCPE1 (Gly38~Asp449) expressed in *E.coli*.**Accession No.:** RPB316Hu02**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSSLVPRGSH MASMTGGQQM GRGSEF- GGD VKGESGYVAS  
EGFPNLYPPN KECIWTITVP EGQTVLSLFR VFDLELHPAC RYDALEVAFAG SGTSGQRLGR  
FCGTFRPAPL VAPGNQVTLR MTTDEGTGGR GFLLWYSGRA TSGTEHQFCG  
GRLEKAQGT LTPNWPESDY PPGISCSWHI IAPPDQVIAL TFEKFDLEPD TYCRYDSVSV  
FNGAVSDDSR RLGKFCGDAV PGSISSEGNE LLVQFVSDLS VTADGFSASY KTLPRGTAKE  
GQGGPKRGT EPKVKLPPKS QPPEKTEESP SAPDAPTCPK QCRRTGLQS NFCASSLVVT  
ATVKSMVREP GEGLAVTVSL IGAYKTGGLD LPSPTGASL KFYVPCKQCP PMKKGVSYLL  
MGQVEENRGP VLPPEFSVVL HRPNQDQILT NLSKRKCPSQ PVRAAASQD

**[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against PCPE1. It has been selected for its ability to recognize PCPE1 in immunohistochemical staining and western blotting.

**[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

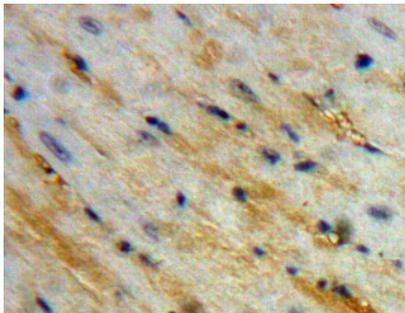
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

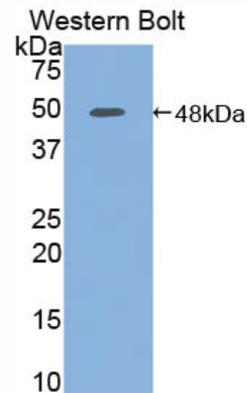
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ IMAGES ]



Used in DAB staining on formalin fixed  
paraffin-embedded Heart tissue



Used in Western Blot, Sample:  
Recombinant PCPE1, 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 PCPE1 (Gly38~Asp449) 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.