

## Rabbit anti-Human, Mouse Procollagen C Proteinase Enhancer 1 Polyclonal Antibody | anti-PCPE1 antibody

Polyclonal Antibody to Procollagen C Proteinase Enhancer 1 (PCPE1)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                   |
|-----------|--------|--------------|----------------------------------------------------------------|
| AAA142893 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

Procollagen C Proteinase Enhancer 1; Polyclonal Antibody; Polyclonal Antibody to Procollagen C Proteinase Enhancer 1 (PCPE1); anti-PCPE1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                                      | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence                                        | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-GGDVKGES GYVASEGFNP LYPPNKECIW<br>TITVPEGQTV SLSFRVFDLE LHPACRYDAL EVFAGSGTSG QRLGRFCGTF RPAPLVAPGN QVTLRMTTDE<br>GTGGRGFLLW YSGRATSGTE HQFCGGRLEK AQGTLTPPNW PESDYPPGIS CSWHIAPPD QVIALTFEKF<br>DLEPDYCRY DSVSVFNGAV SDDSRRLGKF CGDAVPGSIS SEGNELVQF VSDLSVTADG FSASYKTLPR<br>GTAKGQGPQ PKRGTEPKVK LPPKSQPPEK TEESPSAPDA PTCPKQCRRT GTLQSNFCAS SLVVTATVKS<br>MVREPGELA VTVSLIGAYK TGGLDLPSPG TGASLKFYVP CKQCPPMKKG VSYLL |
| Sequence Length                                 | 449                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-PCPE1 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Fragment                                        | PCPE1 (Gly38~Asp449)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Organism Species                                | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cross Reactivity                                | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                                       | Recombinant PCPE1 (Gly38~Asp449) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                          |

IMAGES



**IHC (Immunohistochemisry)**  
DAB staining on fromalin fixed paraffin-embedded Heart tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**  
Western Blot: Sample: Mouse Heart lysate; Primary Ab: 2ug/ml Rabbit Anti-Human PCPE1  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 157653329                                          |
| NCBI GeneID                      | 5118                                               |
| NCBI Accession #                 | NP_002584.2                                        |
| NCBI GenBank Nucleotide #        | NM_002593.3                                        |
| UniProt Accession #              | Q15113; O14550; B2R9E1                             |
| Molecular Weight                 | 47,972 Da                                          |
| NCBI Official Full Name          | procollagen C-endopeptidase enhancer 1             |
| NCBI Official Synonym Full Names | procollagen C-endopeptidase enhancer               |
| NCBI Official Symbol             | PCOLCE                                             |
| NCBI Official Synonym Symbols    | PCPE; PCPE1; PCPE-1                                |
| NCBI Protein Information         | procollagen C-endopeptidase enhancer 1             |
| UniProt Protein Name             | Procollagen C-endopeptidase enhancer 1             |
| UniProt Gene Name                | PCOLCE                                             |
| UniProt Synonym Gene Names       | PCPE1; PCPE-1; Procollagen C-proteinase enhancer 1 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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