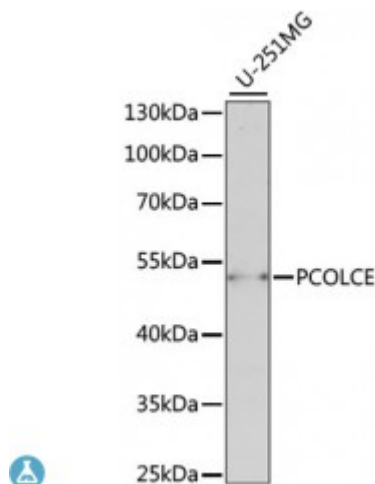


## Anti-PCOLCE Antibody



### Description

Fibrillar collagen types I-III are synthesized as precursor molecules known as procollagens. These precursors contain amino- and carboxyl-terminal peptide extensions known as N- and C-propeptides, respectively, which are cleaved, upon secretion of procollagen from the cell, to yield the mature triple helical, highly structured fibrils. This gene encodes a glycoprotein which binds and drives the enzymatic cleavage of type I procollagen and heightens C-proteinase activity.

<b>Model</b>	STJ117493
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 170-449 of human PCOLCE (NP_002584.2).
<b>Gene ID</b>	<a href="#">5118</a>
<b>Gene Symbol</b>	<a href="#">PCOLCE</a>
<b>Dilution range</b>	WB 1:200 - 1:2000
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Procollagen C-endopeptidase enhancer 1 Procollagen COOH-terminal proteinase enhancer 1 PCPE-1 Procollagen C-proteinase enhancer 1 Type 1 procollagen C-proteinase enhancer protein Type I procollagen COOH-terminal proteinase en

<b>Molecular Weight</b>	47.972 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:8738OMIM:600270Reactome:R-HSA-1650814</a>
<b>Alternative Names</b>	Procollagen C-endopeptidase enhancer 1 Procollagen COOH-terminal proteinase enhancer 1 PCPE-1 Procollagen C-proteinase enhancer 1 Type 1 procollagen C-proteinase enhancer protein Type I procollagen COOH-terminal proteinase en
<b>Function</b>	Binds to the C-terminal propeptide of type I procollagen and enhances procollagen C-proteinase activity
<b>Cellular Localization</b>	Secreted
<b>Post-translational Modifications</b>	C-terminally processed at multiple positions

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