



# PCOC1 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07085
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	PCOLCE PCPE1
<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 proco
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 170-250
<b>Specificity</b>	PCOC1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	49kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Brain,Heart,Placenta,
<b>Function</b>	function: Binds to the C-terminal propeptide of type I procollagen and enhances procollagen C-proteinase activity.,function: C-terminal processed part of PCPE (CT-PCPE) may have an metalloproteinase inhibitory activity.,PTM: C-terminally processed at multiple positions.,similarity: Contains 1 NTR domain.,similarity: Contains 2 CUB domains.,
<b>Background</b>	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. [provided by RefSeq, Jul 2008],



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

