



PCOC1 Polyclonal Antibody

Catalog No	YP-Ab-07085
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	PCOLCE PCPE1
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	PCOC1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PCOC1;PCOLCE PCPE1;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
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	Secreted.
Tissue Specificity	Brain,Heart,Placenta,
Function	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.,
Background	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