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Datasheet for ABIN7269529  
**anti-PCOLCE antibody (AA 170-449)**

1 Image

Overview

Quantity:	100 µL
Target:	PCOLCE
Binding Specificity:	AA 170-449
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCOLCE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PCOLCE Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 170-449 of human PCOLCE (NP_002584.2).
Sequence:	LTPPNWPESD YPPGISCSWH IIAPPDQVIA LTFEKFDLEP DTYCRYDSVS VFNGAVSDDS RRLGKFCGDA VPGSISSEGN ELLVQFVSDL SVTADGFSAS YKTLPRGTAK EGQGPCKRGR TEPKVKLPPK SQPPEKTEES PSAPDAPTCP KQCRRTGTLQ SNFCASSLVV TATVKSMVRE PGEGLAVTVS LIGAYKTGGL DLPSPTGAS LKFYVPCQKC PPMKKGVSYL LMGQVEENRG PVLPPESFVV LHRPNQDQIL TNLSKRKCPS QPVRAAASQD
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: PCOLCE

Alternative Name: PCOLCE ([PCOLCE Products](#))

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.,PCOLCE,PCPE,PCPE-1,PCPE1,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Collagen,Ubiquitin,PCOLCE

Molecular Weight: 47kDa

Gene ID: 5118

UniProt: [Q15113](#)

## Application Details

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Application Notes: WB,1:200 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

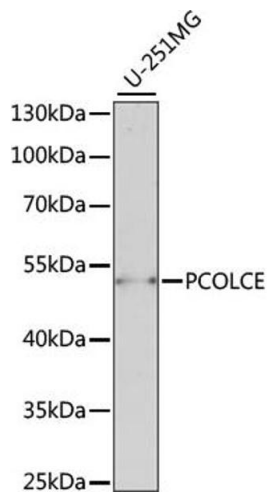
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of U-251MG cells, using PCOLCE antibody (ABIN7269529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.