PCOLCE Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PCOLCE, Polyclonal Antibody
Full Product Name	PCOLCE Antibody, FITC Conjugated
Product Gene Name	anti-PCOLCE antibody
Product Synonym Names	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 enhancer); PCOLCE; PCPE1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PCOLCE (MBS7134783) FITC Conjugated Antibody: PCOLCE (MBS7134785)
Molecular Weight	47,972 Da
OMIM	600270
3D Structure	ModBase 3D Structure for Q15113
Immunogen	Recombinant Human Procollagen C-endopeptidase enhancer 1 protein (169-449AA)
Immunogen Species	Human
Conjugate	FITC
Product Categories/Family for anti-PCOLCE antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PCOLCE antibody	ELISA (EIA)
Related Product Information for anti-PCOLCE antibody	MBS7134785 is an antibody targeting PCOLCE. Also known as PCOLCE Antibody, FITC Conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PCOLCE antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PCOLCE. It may not necessarily be applicable to this product.

NCBI GI #	157653329
NCBI GeneID	5118
NCBI Accession #	NP_002584.2
UniProt Primary Accession #	Q15113
UniProt Secondary Accession #	O14550; B2R9E1
UniProt Related Accession #	Q15113
GenBank Nucleotide #	NM_002593.3
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
UniProt Protein Name	Procollagen C-endopeptidase enhancer 1
UniProt Synonym Protein Names	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 enhancer
Protein Family	Procollagen C-endopeptidase enhancer
UniProt Gene Name	PCOLCE
UniProt Synonym Gene Names	PCPE1; PCPE-1
UniProt Entry Name	PCOC1_HUMAN
NCBI Protein Information	procollagen C-endopeptidase enhancer 1; procollagen C-proteinase enhancer 1; procollagen COOH-terminal proteinase enhancer 1; type 1 procollagen C-proteinase enhancer protein; type I procollagen COOH-terminal proteinase enhancer; procollagen, type 1, COOH
NCBI Summary for PCOLCE	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]
UniProt Comments for PCOLCE	PCOLCE: Binds to the C-terminal propeptide of type I procollagen and enhances procollagen C-proteinase activity. Protein type: Extracellular matrix; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 7q22 Cellular Component: extracellular matrix; extracellular space Molecular Function: heparin binding; collagen binding; protein binding; protease activator activity Biological Process: multicellular organismal development; proteolysis
Research Articles on PCOLCE	**1.** The analysis of the PCPE-1 interaction network based on Gene Ontology terms suggests that, besides its role in collagen deposition, PCPE-1 might be involved in tumour growth, neurodegenerative diseases and angiogenesis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/pcolce/7134785