

## Goat anti-PCOLCE Antibody

Item Number	dAP-2745
Target Molecule	Principle Name: PCOLCE; Official Symbol: PCOLCE; All Names and Symbols: PCOLCE; procollagen C-endopeptidase enhancer; PCPE; PCPE-1; PCPE1; OTTHUMP00000210409; procollagen C-endopeptidase enhancer 1; procollagen C-proteinase enhancer 1; procollagen COOH-terminal proteinase enhancer 1; procollagen, type 1, COOH-terminal protein; Accession Number (s): NP_002584.2; Human Gene ID(s): 5118; Non-Human GenelD(s):
Immunogen	QILTNLSKRKCPSPQ, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Skin and Umbilical Cord lysates (calculated MW of 48.0kDa according to NP_002584.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Vadon-Le Goff S, Kronenberg D, Bourhis JM, Bijakowski C, Raynal N, Ruggiero F, Farndale RW, Stöcker W, Hulmes DJ, Moali C. Procollagen C-proteinase enhancer stimulates procollagen processing by binding to the C-propeptide region only. Biol Chem. 2011 Nov 11;286(45):38932-8..PMID: 22030332

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**