



Anti-COL1A1 polyclonal antibody (CPBT-67896RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product is specific for human Collagen I, reacting with both native and heat denatured proteins, and has been cross-absorbed against Collagen types III, IV and V.
Specificity	COLLAGEN I
Immunogen	Collagen type I from human placenta
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; IHC-P
Format	Purified IgG - lyophilised
Size	50 µg
Preservative	None
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.

GENE INFORMATION

Gene Name [COL1A1 collagen, type I, alpha 1 \[Homo sapiens \(human\)\]](#)

Official Symbol	COL1A1
Synonyms	COL1A1; collagen, type I, alpha 1; OI4; collagen alpha-1(I) chain; alpha-1 type I collagen; pro-alpha-1 collagen type 1; collagen alpha 1 chain type I; collagen alpha-1(I) chain preproprotein; collagen of skin, tendon and bone, alpha-1 chain; COLLAGEN I;
Entrez Gene ID	1277
Protein Refseq	NP_000079
UniProt ID	P08123
Chromosome Location	17q21.33
Pathway	Amoebiasis; Assembly of collagen fibrils and other multimeric structures; Binding and Uptake of Ligands by Scavenger Receptors; Collagen biosynthesis and modifying enzymes; Collagen formation; ECM-receptor interaction; Extracellular matrix organization; Focal Adhesion;
Function	extracellular matrix structural constituent; identical protein binding; metal ion binding; platelet-derived growth factor binding; protein binding;