



Anti-COL3A1 polyclonal antibody (CPBT-67872RH)

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 type III. It has shown the following cross-reactivities. Human collagen type I;15% Human collagen type IV;5% Human collagen type II and V;1% Human plasma proteins do not interfere with binding of the antibody to collagen.
Specificity	COLLAGEN III
Immunogen	Collagen III from human placenta
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; IHC-P
Format	Purified IgG - lyophilised
Size	500 µl
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 [COL3A1 collagen, type III, alpha 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	COL3A1
Synonyms	COL3A1; collagen, type III, alpha 1; EDS4A; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; Ehlers-Danlos syndrome type IV, autosomal dominant; COLLAGEN III;
Entrez Gene ID	1281
Protein Refseq	NP_000081
UniProt ID	P02461
Chromosome Location	2q31
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; Endothelins; Extracellular matrix organization;
Function	SMAD binding; extracellular matrix structural constituent; integrin binding; metal ion binding; platelet-derived growth factor binding; protein binding;