



Anti-Collagen type III polyclonal antibody (DPAB1593RH)

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

PRODUCT INFORMATION

Specificity	Cross-reactivity (RIA%) Human Procollagen, Type III 100% Human Procollagen, Type I <0.1% Bovine Procollagen, Type I <0.1% Bovine Procollagen, Type III 100%
Immunogen	Purified Procollagen Type III Amino terminal peptide (PIII NP)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Column chromatography
Conjugate	Unconjugated
Applications	Suitable for use in IFA, RIA, ELISA (1:100-1:200, OD>500) and immunohistochemistry (1:500, paraffin). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Lyophilized Reconstitute with 100ul deionized water.
Concentration	Not determined Titer: 1:10,000 (RIA)
Size	100 µl
Buffer	Not applicable
Preservative	See individual product datasheet
Storage	Lyophilized: Short-term (up to 24 months) store at 2–8°C. Long term store at -20°C.

Reconstituted: Aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	COL3A1 collagen, type III, alpha 1 [Homo sapiens]
Official Symbol	COL3A1
Synonyms	COL3A1; collagen, type III, alpha 1; EDS4A; FLJ34534; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; OTTHUMP00000163485; Ehlers-Danlos syndrome type IV, autosomal dominant; COL 3A1; Collagen III alpha 1 chain precursor; Collagen III alpha 1 polypeptide; Collagen type III alpha 1 (Ehlers Danlos syndrome type IV autosomal dominant); Collagen type III alpha; Fetal collagen; Type III collagen
Entrez Gene ID	1281
Protein Refseq	NP_000081
UniProt ID	P02461
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Axon guidance, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Endothelins, organism-specific bios
Function	extracellular matrix structural constituent; integrin binding; platelet-derived growth factor binding; protein binding