



Anti-Collagen type III polyclonal antibody (DPAB1587RC)

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

PRODUCT INFORMATION

Specificity	Cross-reactivity (RIA%) Chicken collagen type III 100% Chicken collagen type I <5.0% Human, Mouse, Rat Collagens, Type III <0.1%
Immunogen	Collagen type III extracted and purified from chicken skin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Chicken
Purification	Ion exchange chromatography (DEAE-Trisacryl)
Conjugate	Unconjugated
Applications	IFA, (SP)RIA and ELISA. For immunostaining of extra or intracellular components in light microscopy. For the quantitation of Collagen Type III in biological fluids or in culture supernatants. In indirect IFA, use diluted at >1:40 on frozen chicken tissue sections. In ELISA, use diluted at >1:100-1:200. Each laboratory should determine an optimum working titer for use in its particular application.
Format	Purified, Lyophilized Reconstitute with 0.5 ml deionized water.
Concentration	Not determined Titer: 1:1000 (RIA)
Size	0.5 ml
Buffer	Not applicable
Preservative	See individual product datasheet

Storage	Lyophilized: Store (up to 24 months) at 2-8°C. Long term store at -20°C. Reconstituted: Aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
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GENE INFORMATION

Gene Name	COL3A1 collagen, type III, alpha 1 [Gallus gallus]
Official Symbol	COL3A1
Synonyms	COL 3A1; COL3A1; Collagen alpha 1(III) chain; 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 1; Collagen type III alpha; EDS4A; Ehlers Danlos syndrome type IV, autosomal dominant; Fetal collagen; Type III collagen; FLJ34534; alpha1 (III) collagen; collagen, fetal; COL3A1; collagen, type III, alpha 1; alpha 1 type III collagen; Collagen Type III; Collagen III
Entrez Gene ID	396340
Protein Refseq	NP_990711
Pathway	ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem.
Function	extracellular matrix structural constituent