



Anti-Type III Collagen polyclonal antibody (DPAB3520)

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

PRODUCT INFORMATION

Product Overview	Chromatography purified rabbit antibody to chicken type III collagen extracted, purified from chicken skin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Chicken
Conjugate	Unconjugated
Applications	IF, IHC-P, ELISA
Format	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5ml diH ₂ O and store aliquots at -20°C.
Preservative	None
Storage	Unreconstituted: 24 months at +2°/8°C or longer at -20°C; avoid freeze-thaw cycles by aliquoting before storage at -20°C and use; Reconstituted: 6 months (mini) at -20°C.

BACKGROUND

Introduction	Collagen III is a fibrillar collagen that is found in extensible connective tissues such as skin, lung, and the vascular system, frequently in association with type I Collagen. Mutations in the gene are associated with Ehlers Danlos syndrome type IV, and with aortic and arterial aneurysms. Although alternate transcripts have been detected for this gene, they are the result of mutations; these mutations alter splicing, often leading to the exclusion of multiple exons.
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Keywords

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;
