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Datasheet for ABIN7112982
anti-COL3 antibody (N-Term)

Overview

Quantity:	100 µg
Target:	COL3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	collagen, type III, alpha 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	COL3
Alternative Name:	Collagen Type III (COL3 Products)
Background:	Synonyms:COL3A1, Collagen alpha 1(III) chain, Collagen Type III, collagen, type III, alpha 1, EDS4A, FLJ34534 Background:Type III collagen is a fibrillar forming collagen comprising three

Target Details

$\alpha 1(\text{III})$ chains and is expressed in early embryos and throughout embryogenesis. In the adult, type III collagen is a major component of the extracellular matrix in a variety of internal organs and skin. It occurs in most soft connective tissues along with type I collagen. COL3A1 gene encodes type III procollagen. Mutations in this gene are associated with type III and IV Ehlers-Danlos syndrome, and with aortic and arterial aneurysms. (PMID: 9050868, 2445760)

Molecular Weight: 140-150 kDa

Gene ID: 1281

UniProt: [P02461](#)

Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:50-1:500, IP:1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months