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Datasheet for ABIN5624594

COL3 Protein

1 Image

Overview

Quantity:	500 µg
Target:	COL3
Origin:	Human
Source:	Human
Protein Type:	Native
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purification: Human Collagen type III has been prepared from human placenta and is chromatographically and immunologically pure. This product is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. This product reacts with anti-Collagen Type III. Reaction with Rockland's anti-Collagen I, II, IV, V or VI is negligible (typically less than 1% cross reactivity was detected by ELISA).

Sterility: Sterile filtered

Target Details

Target:	COL3
Alternative Name:	Collagen Type III (COL3 Products)
Gene ID:	1281
UniProt:	P02461

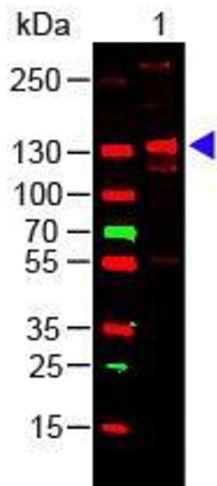
Application Details

Application Notes:	Immunohistochemistry Dilution: 1:100-1:500 Application Note: Human Collagen type III purified protein standard is used as a control or standard in indirect trapping ELISA for quantitation of antigen using a standard curve, for immunoprecipitation and for other immunological assays as optimized by the user. Specific conditions should be optimized by user. Collagen type III is recognized by type specific anti-collagen antibodies that recognize a native three-dimensional structure. Western Blot Dilution: 1:1000 ELISA Dilution: 1:10,000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.5 M Acetic Acid Stabilizer: None
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:	4 °C
Storage Comment:	Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	6 months



Western Blotting

Image 1. Western Blot of COLLAGEN III Lane 1: Human Collagen III Load: 100 ng per lane Primary antibody: Collagen III Antibody at 1:1000 o/n at 4°C Secondary antibody: 649 Goat anti-rabbit at 1:20,000 for 30 min at RT Block: ABIN925618 for 30 min at RT Predicted/Observed size: 138 kDa, 138 kDa