

Datasheet for ABIN1533238
anti-COL3 antibody (AA 81-130)

2 Images

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Overview

Quantity:	100 µg
Target:	COL3
Binding Specificity:	AA 81-130
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Collagen III.
Isotype:	IgG
Specificity:	Collagen III Antibody detects endogenous levels of total Collagen III protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	COL3
Alternative Name:	Collagen III (COL3 Products)
Background:	Synonyms: Collagen alpha-1(III) chain, COL3A1

Target Details

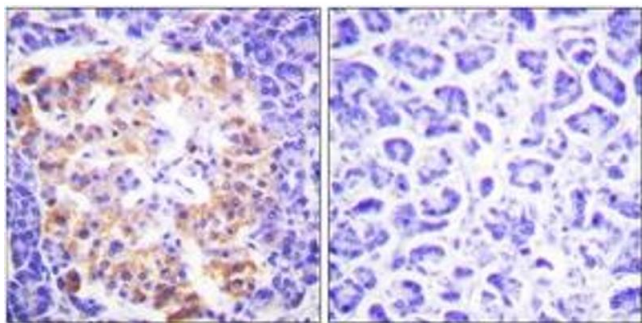
	NCBI Gene Symbol: COL3A1
Molecular Weight:	138 kDa
Gene ID:	1281
OMIM:	120180
UniProt:	P02461

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.443625, Hs.708235 (NCBI Gene Symbol: COL3A1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using Collagen III Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using Collagen III Antibody. The picture on the right is treated with the synthesized peptide.