

Datasheet for ABIN1534355
anti-COL14A1 antibody (AA 71-120)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	COL14A1
Binding Specificity:	AA 71-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL14A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Collagen XIV alpha1.
Isotype:	IgG
Specificity:	Collagen XIV alpha1 Antibody detects endogenous levels of total Collagen XIV alpha1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	COL14A1
Abstract:	COL14A1 Products

Target Details

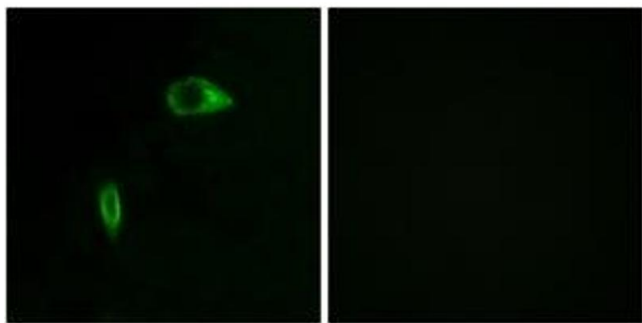
Background:	Synonyms: Collagen alpha-1(XIV) chain, Undulin, COEA1 NCBI Gene Symbol: COL14A1
Molecular Weight:	193 kDa
Gene ID:	7373
OMIM:	120324
UniProt:	Q05707
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.409662 (NCBI Gene Symbol: COL14A1)
Restrictions:	For Research Use only

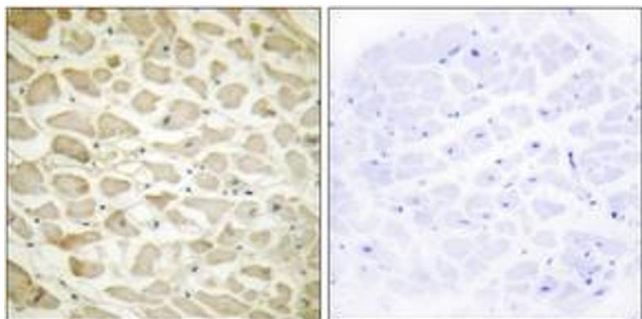
Handling

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



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using Collagen XIV alpha1 Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human heart tissue, using Collagen XIV alpha1 Antibody. The picture on the right is treated with the synthesized peptide.