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Datasheet for ABIN6281369

**anti-COL12A1 antibody (Internal Region)**

## Overview

Quantity:	50 µL
Target:	COL12A1
Binding Specificity:	AA 1450-1530, Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL12A1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal to COL12A1.
Immunogen:	Synthesized peptide derived from human COL12A1
Isotype:	IgG
Specificity:	COL12A1 Polyclonal Antibody detects endogenous levels of COL12A1 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	COL12A1
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## Target Details

Alternative Name:	COL12A1 ( <a href="#">COL12A1 Products</a> )
Molecular Weight:	333.147 kDa
Gene ID:	1303
UniProt:	<a href="#">Q99715</a>

## Application Details

Application Notes:	IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
Comment:	Found in collagen I-containing tissues: both isoform 1 and isoform 2 appear in amnion, chorion, skeletal muscle, small intestine, and in cell culture of dermal fibroblasts, keratinocytes and endothelial cells. Only isoform 2 is found in lung, placenta, kidney and a squamous cell carcinoma cell line. Isoform 1 is also present in the corneal epithelial Bowman's membrane (BM) and the interfibrillar matrix of the corneal stroma, but it is not detected in the limbal BM.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
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:	Store at -20°C, and avoid repeat freeze-thaw cycles.