



# Anti-COL12A1 (aa 768-892) polyclonal antibody (DPABH-16523)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Type XII collagen interacts with type I collagen-containing fibrils, the COL1 domain could be associated with the surface of the fibrils, and the COL2 and NC3 domains may be localized in the perifibrillar matrix.
<b>Immunogen</b>	antigen sequence, corresponding to amino acids 768-892 of Human COL12A1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">COL12A1 collagen, type XII, alpha 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	COL12A1
<b>Synonyms</b>	COL12A1; collagen, type XII, alpha 1; COL12A1L; BA209D8.1; DJ234P15.1; collagen alpha-1(XII) chain; collagen type XII proteoglycan;
<b>Entrez Gene ID</b>	<a href="#">1303</a>
<b>Protein Refseq</b>	<a href="#">NP_004361.3</a>
<b>UniProt ID</b>	<a href="#">Q99715</a>
<b>Pathway</b>	Collagen biosynthesis and modifying enzymes; Collagen formation; Extracellular matrix organization; Protein digestion and absorption.
<b>Function</b>	extracellular matrix structural constituent conferring tensile strength;