

**Collagen 1 alpha 2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51102**

**Specification**

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**Collagen 1 alpha 2 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P08123</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>129, 80 KDa</b>
Antigen Region	<b>471 - 530</b>

**Collagen 1 alpha 2 Antibody - Additional Information**

**Gene ID** 1278

**Other Names**

Collagen alpha-2(I) chain, Alpha-2 type I collagen, COL1A2

**Target/Specificity**

KLH conjugated synthetic peptide derived from human Collagen 1 alpha 2

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Collagen 1 alpha 2 Antibody - Protein Information**

**Name** COL1A2

**Function**

Type I collagen is a member of group I collagen (fibrillar forming collagen).

**Cellular Location**

Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

**Tissue Location**

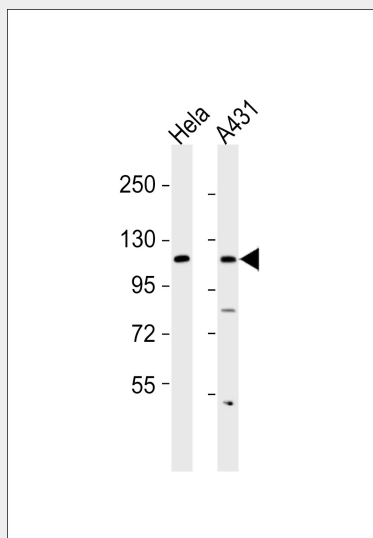
Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

## Collagen 1 alpha 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Collagen 1 alpha 2 Antibody - Images



All lanes : Anti-Collagen 1 alpha 2 Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates  
Lane 2: A431 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 129 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.

## Collagen 1 alpha 2 Antibody - Background

Type I collagen is a member of group I collagen (fibrillar forming collagen).

## Collagen 1 alpha 2 Antibody - References

- de Wet W.J., et al. *J. Biol. Chem.* 262:16032-16036(1987).  
Dalglish R., et al. *Nucleic Acids Res.* 25:181-187(1997).  
Korkko J.M., et al. *Am. J. Hum. Genet.* 62:98-110(1998).  
Kuivaniemi H., et al. *Biochem. J.* 252:633-640(1988).  
Dickson L.A., et al. *Nucleic Acids Res.* 13:3427-3438(1985).