

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

Specification

Collagen 1 alpha 2 Antibody - Product Information

Application	WB
Primary Accession	P08123
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	129, 80 KDa
Antigen Region	471 - 530

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

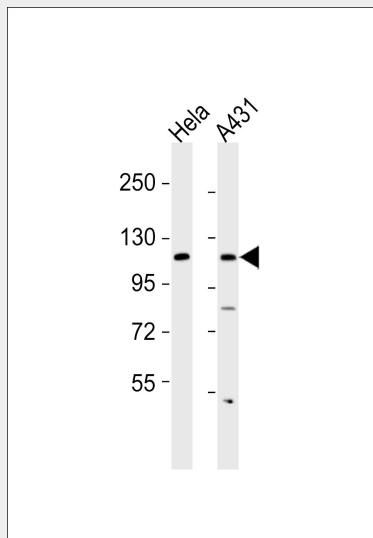
Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

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).