

Collagen I Rabbit pAb
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Catalog # AP94771**Specification**

Collagen I Rabbit pAb - Product Information

Application	WB, E
Primary Accession	P02452
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	138911

Collagen I Rabbit pAb - Additional Information**Gene ID** 1277**Other Names**

Collagen alpha-1(I) chain, Alpha-1 type I collagen, COL1A1

Dilution

WB~1:1000
E~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Collagen I Rabbit pAb - Protein Information**Name** COL1A1**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

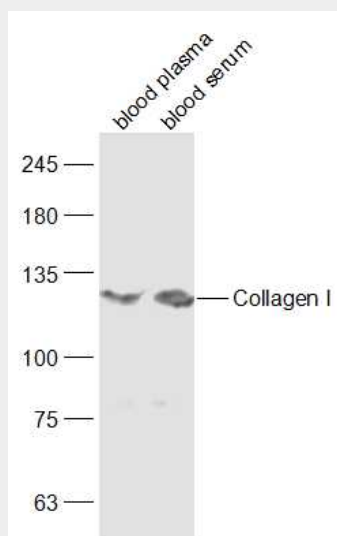
Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

Collagen I Rabbit pAb - Protocols

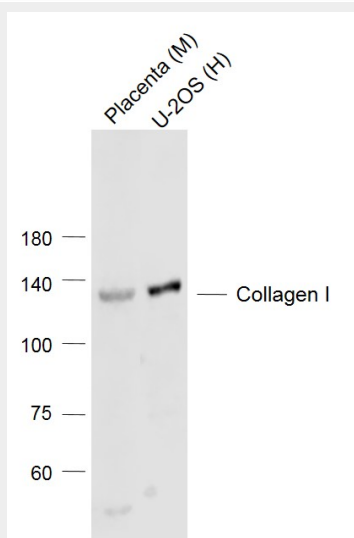
Provided below are standard protocols that you may find useful for product applications.

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

Collagen I Rabbit pAb - Images



Sample: Blood plasma (Rat) at 40 ug Blood serum (Rat) at 40 ug Primary: Anti-Collagen I (AP94771) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 95 kD Observed band size: 125 kD



Sample: Lane 1: Placenta (Mouse) Lysate at 40 ug Lane 2: U-2OS (Human) Cell Lysate at 30 ug Primary: Anti-Collagen I (AP94771) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD

Collagen I Rabbit pAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or

diagnostic applications.