

# Pro-Alpha 1 type I collagen Rabbit pAb

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Catalog # AP94558

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P02452</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	138911

## Additional Information

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<b>Gene ID</b>	1277
<b>Other Names</b>	Collagen alpha-1(I) chain, Alpha-1 type I collagen, COL1A1
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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.

## Protein Information

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<b>Name</b>	COL1A1
<b>Function</b>	Type I collagen is a member of group I collagen (fibrillar forming collagen).
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix {ECO:0000255 PROSITE-ProRule:PRU00793}
<b>Tissue Location</b>	Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

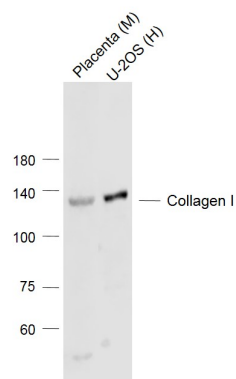
## Background

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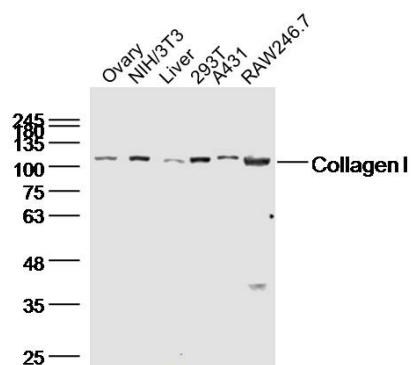
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## Images

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Sample: Lane 1: Placenta (Mouse) Lysate at 40 ug Lane 2: U-2OS (Human) Cell Lysate at 30 ug Primary: Anti-Collagen I (AP94558) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD



Sample: Ovary (Mouse) Lysate at 40 ug NIH/3T3(Mouse) Cell Lysate at 40 ug Liver (Rat)Lysate at 40 ug 293T(huamn) Cell Lysate at 40 ug A431(huamn) Cell Lysate at 40 ug RAW264.7(Mouse) Cell Lysate at 40 ug Primary: Anti-Collagen I (AP94558) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 110 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.