



Catalog: OM275890

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Collagen I Antibody

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☐ 20ul ☐ 50ul ☐ 100ul

Product profile

Product name	Collagen I Antibody
Antibody Type	Primary Antibodies
Product description	Collagens are highly conserved throughout evolution and are characterized by an uninterrupted "Glycine-X-Y" triplet repeat that is a necessary part of the triple helical structure. For these reasons, it is often extremely difficult to generate antibodies with specificities to collagens. The development of type specific antibodies is dependent on NON-DENATURED three-dimensional epitopes. Collagens are extensively purified for immunization from human and bovine placenta and cartilage by limited pepsin digestion and selective salt precipitation. This preparation results in a native conformation of the protein. Antibodies are isolated from rabbit antiserum and are extensively cross-adsorbed by immunoaffinity purification to produce 'type' specific antibodies. Greatly diminished reactivity and selectivity of these antibodies will result if denaturing and reducing conditions are used for SDS-PAGE and immunoblotting.
Immunogen	Collagen I antibody was raised against Collagen Type I from human and bovine placenta (Human).

Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Application	ELISA IHC IP WB
Collagen I antibody can be used in ELISA, and immunohistochemistry starting at 1:50.:	
Species Reactivity	Bovine Human Mouse Rat
Concentration	1mg/ml
Purification	Affinity purified

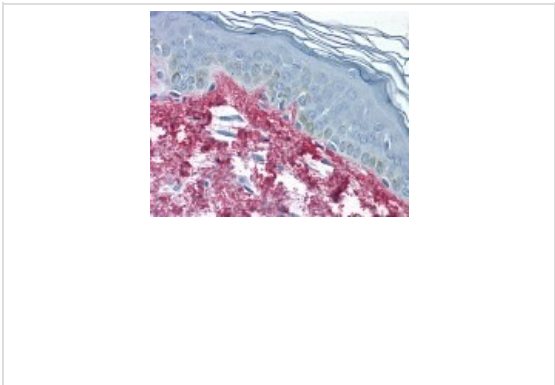
Target Information

Gene Symbol	COL1A1
Alternative Names	Alpha-1 type I collagenO14

Database Links

Entrez Gene	1277
Protein Accession	P02452

Application



Application

Immunohistochemistry staining of in skin tissue using Antibody.

Application Notes Collagen I antibody can be used in **ELISA**, and immunohistochemistry starting at 1:50.:

Additional Information

Form	Liquid
Storage Instructions	Store Collagen I antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
Storage Buffer	0.125 M sodium borate, 0.075 M sodium chloride, 0.005 M EDTA;, pH 8.0, 0.01% sodium azide.

OmnimAbs.com

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506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801
This product is for research use only and is not approved for use in humans or in clinical diagnosis.Primary Antibodies are guaranteed for 1 year from date of receipt