

COL14A1 Polyclonal Antibody

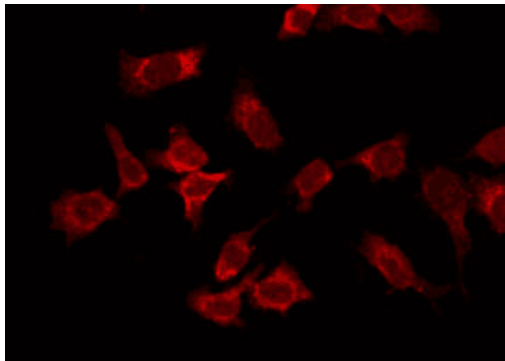
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthesized peptide derived from internal of human Collagen XIV alpha1.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2635369

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (IHC)	-	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunocytochemistry (ICC/IF)	1:100-1:200	-

Product Specific Information

The antibody detects endogenous levels of total COL14A1 protein.

Product Images For COL14A1 Polyclonal Antibody

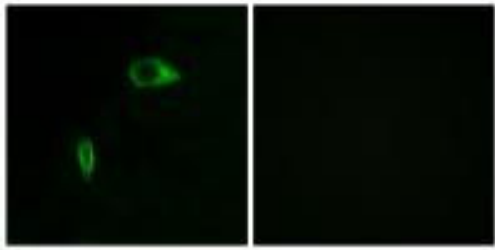


COL14A1 Antibody (PA5-49916) in ICC/IF

Immunocytochemical analysis of COL14A1 in HepG2 cells. The cells were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The cells were incubated with COL14A1 Polyclonal Antibody (Product # PA5-49916) at a 1:200 dilution for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1:600, was used as the secondary antibody.

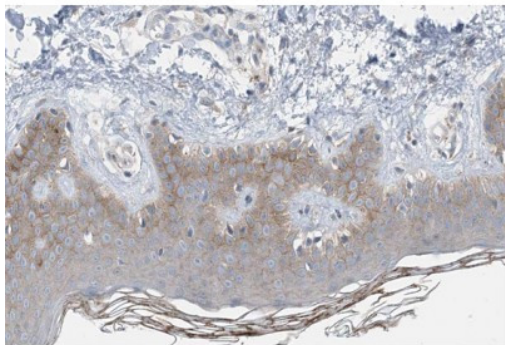
COL14A1 Antibody (PA5-49916) in ICC/IF

Immunocytochemical analysis of COL14A1 in Hela cells, using COL14A1 Polyclonal Antibody (Product # PA5-49916).



COL14A1 Antibody (PA5-49916) in IHC (P)

Immunohistochemical analysis of COL14A1 in paraffin-embedded human Skin tissue sections. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with COL14A1 Polyclonal Antibody (Product # PA5-49916) at a 1:100 dilution for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



[View more figures on thermofisher.cn](https://www.thermofisher.cn)

Immunohistochemistry (3)

Asian spine journal	Year 2023
Novel Biomarkers of Health and Degeneration in Human Intervertebral Discs: In-depth Proteomic Analysis of Collagen Framework of Fetal, Healthy, Scoliotic, Degenerate, and Herniated Discs.	
"Published figure using COL14A1 polyclonal antibody (Product # PA5-49916) in Immunohistochemistry"	
Authors: Rajasekaran S,Soundararajan DCR,Nayagam SM,Tangavel C,Raveendran M,K S SVA,Shetty AP,Kanna RM	
Frontiers in physiology	Year 2020
Regulators of Collagen Fibrillogenesis during Molar Development in the Mouse.	
"Published figure using COL14A1 polyclonal antibody (Product # PA5-49916) in Immunohistochemistry"	
Authors: Zvackova I,Matalova E,Lesot H	

[View more IHC references on thermofisher.cn](#)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.