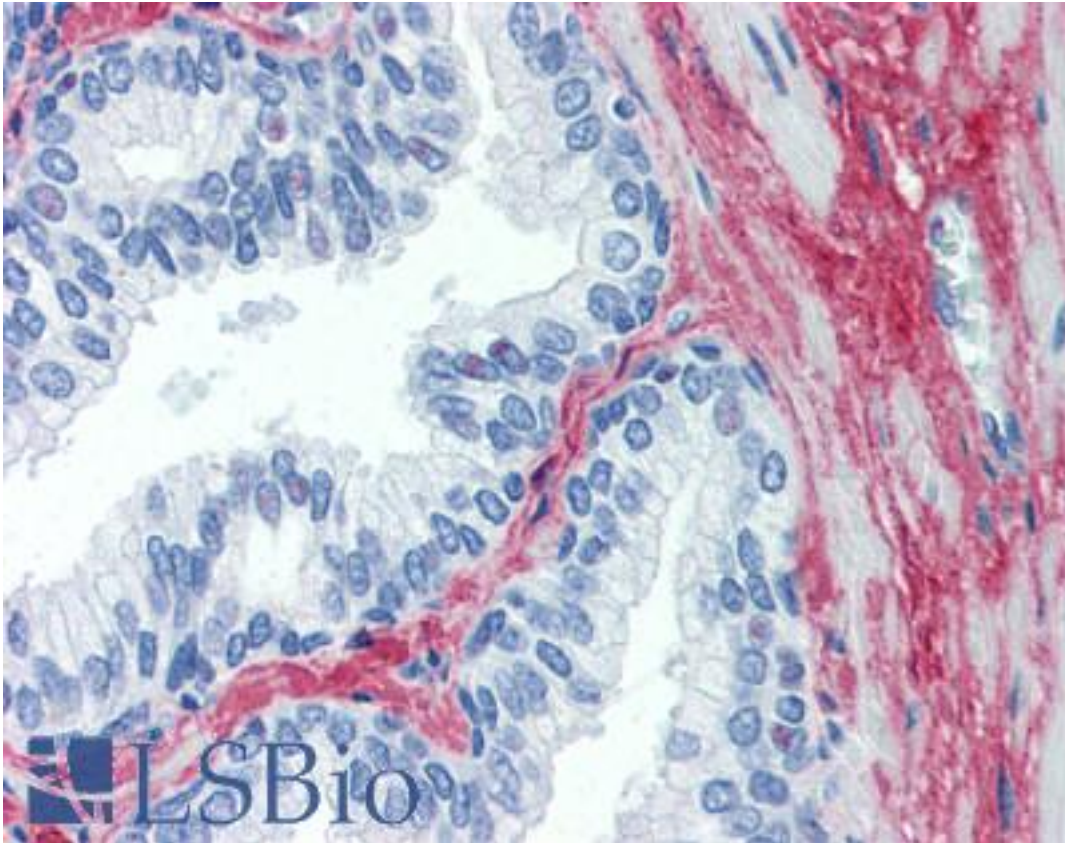


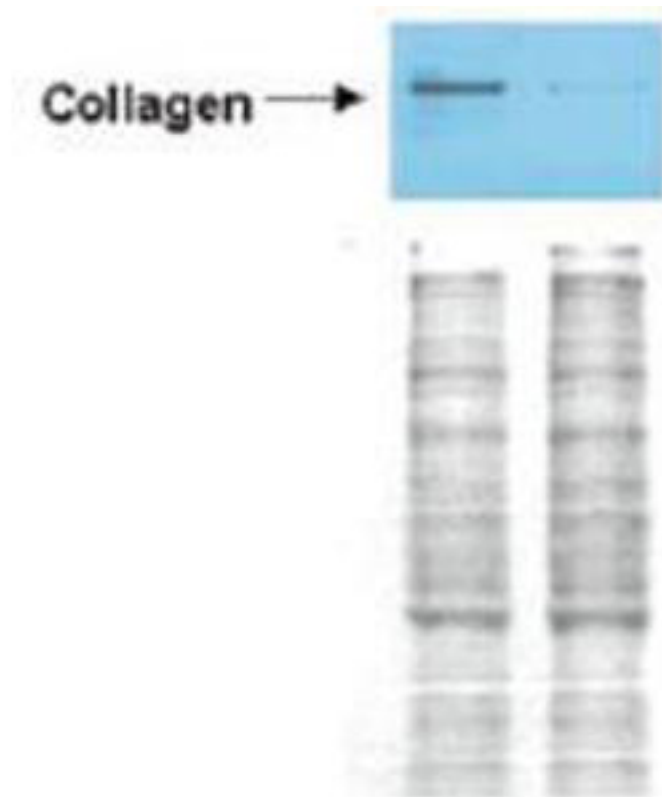
Collagen I Rabbit anti-Human Polyclonal (Biotin) Antibody - LS-B209 - LSBio	
CatalogID:	LS-B209
Validation:	This antibody replaces catalog number LS-C18863. It has been validated for use in the following assays: IHC.
Target:	Collagen I
Host	Collagen I antibody was produced in Rabbit
Clonality:	Polyclonal
Conjugations:	Biotin
Immunogen Species:	Collagen I antibody was raised against Human
Specificity:	Collagen Type I from adult human knee cartilage and bovine nasal cartilage.
Reactivity:	Human, Mouse, Rat, Bovine
Purification:	Affinity purified
Presentation:	0.1 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0, 10 mg/mL BSA, 0.01% Sodium Azide
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B209 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B209 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1:3000 - 1:6000), Immunoprecipitation, ELISA (1:3000 - 1:6000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-Collagen I antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B209 concentration 10 ug/ml.

Western Blot Image:



Anti-Collagen I Antibody - Western Blot. Western blot analysis is shown using Affinity Purified anti-Collagen I antibody to detect expression of collagen I in Wistar rat hepatic stellate cells (HSC) in control (GFP-transduced) (left lane) and PPAR γ -transduced cell lysates (right lane). Protein staining shown below each blot depicts equal protein loading. An equal amount of the whole cell protein (100 μ g) was separated by SDS-PAGE and electroblotted to nitro-cellulose membranes. Proteins were detected by incubating the membrane with anti-Collagen I antibody at a concentration of 0.2-2 μ g/10 ml in TBS (100 mM Tris-HCl, 0.15 M NaCl, pH 7.4) with 5% Non-fat milk. Detection occurred by incubation with a horseradish peroxidase-conjugated secondary antibody at 1 μ g/10 ml. Proteins were detected by a chemiluminescent method using the PIERCE ECL kit (Amersham Biosciences). Other detection systems will yield similar results. See Hazra et al. (2004) for additional details.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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