

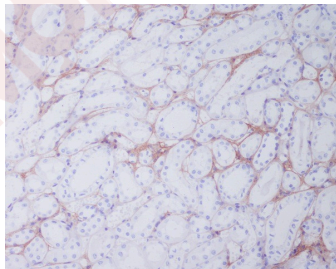
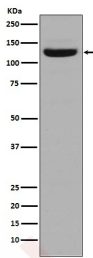
Anti-Collagen I Antibody (7K155)

Product Details

Ig Type:	IgG
Reactivity:	Human,Cow
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 130 kDa.
Clone:	7K155
Purification:	ProA affinity purified

Applications

- Verified Activity:
1. Western blot analysis of Collagen I in Human stomach tissue lysate.
 2. Immunohistochemical analysis of paraffin-embedded human kidney, using Collagen I Antibody.



Application:	IHC,WB
Recommended	WB: 1:1000-2000; IHC: 1:50-200

Properties

- Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
- Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P02452
Synonyms:	OI4;CO1A1;COL1A2;Pro alpha 1(I) collagen;Type I procollagen;Collagen type I alpha 2;Osteogenesis Imperfecta Type IV;alpha 1 type I collagen;COL1A1;Collagen type I alpha 1;Collagen I alpha 2 polypeptide;Collagen Of Skin Tendon And Bone;Collagen type I;alpha 2 type I collagen;Collagen I alpha 1 polypeptide;Collagen Type 1

Research Background

The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial collagens (types I, II, III and V) and basement membrane collagens (type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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