

COL5A1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 184kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human COL5A1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

COL5A1; collagen; type V; alpha 1; collagen alpha-1(V) chain;

Catalog #: A1515

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1289

Isotype: IgG

Swiss Prot: P20908

Purity: Affinity purification

For research use only.

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.

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