

## 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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