

Product Datasheet

Collagen I Antibody



Catalog No: CY5120

Reactivity: Human Cow

Isotype: Rabbit IgG

Applications: WB IHC

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Information

UniProt ID: P02452/P08123

All Names: Collagen alpha-1(I) chain; COL1A1; Alpha-1 type I collagen; Collagen alpha-2(I) chain; Alpha-2 type I collagen; CO1A2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 139kDa

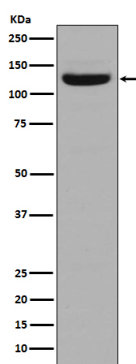
Application

WB: 1:500~1:2000

IHC: 1:50~1:200

Background

This gene encodes one of the chains for type I collagen, the fibrillar collagen found in most connective tissues. Mutations in this gene are associated with osteogenesis imperfecta, Ehlers-Danlos syndrome, idiopathic osteoporosis, and atypical Marfan syndrome. Symptoms associated with mutations in this gene, however, tend to be less severe than mutations in the gene for alpha-1 type I collagen since alpha-2 is less abundant. Multiple messages for this gene result from multiple polyadenylation signals, a feature shared by most of the other collagen genes.



Western blot analysis of Collagen I in Human stomach tissue lysate.

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