

Collagen I Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP15066

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human Collagen I Polyclonal

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Collagen alpha-2

Synonyms Collagen alpha-2;I chain ;Alpha-2 type I collagen; Collagen alpha-2;I chain; Alpha-2 type I collagen

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

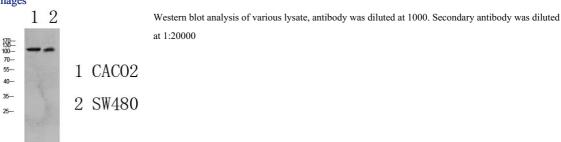
This gene encodes the pro-alpha2 chain of type I collagen whose triple helix comprises two alpha1 chains and one alpha2 chain. Type I is a fibril-forming collagen found in most connective tissues and is abundant in bone, cornea, dermis and tendon. Mutations in this gene are associated with osteogenesis imperfecta types I-IV, Ehlers-Danlos syndrome type VIIB, recessive Ehlers-Danlos syndrome Classical type, 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 the alpha1 chain of type I collagen (COL1A1) reflecting the different role of alpha2 chains in matrix integrity. Three transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



Storage

-20°C for 1 year