

**Anti-Human/Mouse/Rat Collagen I Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04011**

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3th Edition

**Description:**COL1A1 (Collagen Type I Alpha 1 Chain) is a Protein Coding gene. Diseases associated with COL1A1 include Caffey Disease and Osteogenesis Imperfecta, Type I. Among its related pathways are Collagen chain trimerization and Transcription\_Role of VDR in regulation of genes involved in osteoporosis. GO annotations related to this gene include identical protein binding and platelet-derived growth factor binding. An important paralog of this gene is COL2A1.COL1A2 (Collagen Type I Alpha 2 Chain) is a Protein Coding gene. Diseases associated with COL1A2 include Osteogenesis Imperfecta, Type Iv and Osteogenesis Imperfecta, Type li. Among its related pathways are Validated targets of C-MYC transcriptional repression and Collagen chain trimerization. GO annotations related to this gene include identical protein binding and protein binding, bridging. An important paralog of this gene is COL2A1.

**Antigen:**Synthesized peptide derived from Collagen I

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**