

Collagen X Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251204

Unit: 0.1 mg

Description:

Type X collagen (COL10A1) is a product of hypertrophic chondrocytes, which has been localized to presumptive mineralization zones of hyaline cartilage. Defects in type X collagen are the cause of Schmid type metaphyseal chondrodysplasia (SMCD), an inherited disorder of the osseous skeleton.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

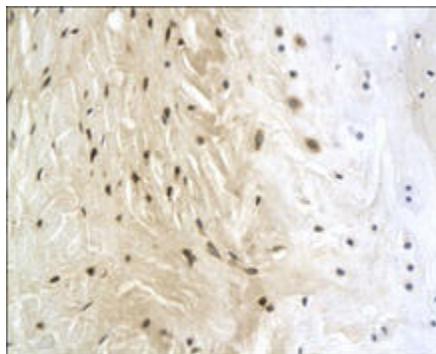
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Collagen X; Collagen type X; Collagen alpha-1(X) chain; COL10A1

Accession No.: Q03692

Antigen: Purified human collagen X

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Collagen X staining in sheep thoracic spine. Paraffin-embedded sheep thoracic spine is stained with Collagen X antibody (Cat. No. 251204) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Kreuz P.C. et al. 2013. Osteoarthritis and Cartilage. 21(12):1997-2005. PMID# 24096178.

For research use only, not for diagnostic or therapeutic procedures.