

Collagen X/COL10A1 Rabbit pAb

Catalog No.: A13288 **3 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

66kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Mouse, Rat

Background

This gene encodes the alpha chain of type X collagen, a short chain collagen expressed by hypertrophic chondrocytes during endochondral ossification. Unlike type VIII collagen, the other short chain collagen, type X collagen is a homotrimer. Mutations in this gene are associated with Schmid type metaphyseal chondrodysplasia (SMCD) and Japanese type spondylometaphyseal dysplasia (SMD).

Recommended Dilutions

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

1300

Swiss Prot

Q03692

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 521-680 of human Collagen X/COL10A1 (NP_000484.2).

Synonyms

COL10A1; Collagen X/COL10A1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.