

Collagen X/COL10A1 Rabbit pAb

Catalog No.: A6889 **7 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

66kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

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

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1300

Swiss Prot

Q03692

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

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: Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.