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# Collagen X/COL10A1 Rabbit pAb

Catalog No.: A13288 3 Publications

# **Basic Information**

#### **Observed MW**

Refer to figures

## **Calculated MW**

66kDa

### Category

Primary antibody

# **Applications**

IHC-P,ELISA

#### **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

**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**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

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