

# Collagen X/COL10A1 Rabbit pAb

Catalog No.: A6889 **6 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

66kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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

## 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/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.