

A6889

Leader in Biomolecular Solutions for Life Science



## Collagen X/COL10A1 Rabbit pAb

Catalog No.: A6889

6 Publications

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

66kDa

#### Category

Polyclonal 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

### 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



[www.abclonal.com](http://www.abclonal.com)

### 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.