

# COL2A1 polyclonal antibody

Catalog # PAB13495

Size 100 uL

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against native COL2A1.
<b>Immunogen</b>	Native purified COL2A1 from fetal chicken cartilage.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Chicken
<b>Specificity</b>	This antibody reacts with chicken collagen type II 100%, no crossreactivity with chicken collagen type I and III, no crossreactivity with human, mouse and rat collagen type II.
<b>Form</b>	Lyophilized
<b>Purification</b>	Affinity purification
<b>Recommend Usage</b>	Immunohistochemistry (1:200-1:600) Immunofluorescence (1:40) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from PBS.
<b>Storage Instruction</b>	Store lyophilized product at 4°C on dry atmosphere. For prolonged storage prepare appropriate aliquots and store at or below -20°C. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

- Radioimmunoassay

## Gene Info — COL2A1

Entrez GeneID	<a href="#">395069</a>
Gene Name	COL2A1
Gene Alias	-
Gene Description	collagen, type II, alpha 1
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	-
Other Designations	alpha 1 type II procollagen alpha 1 type IIA collagen collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital) procollagen alpha 1(II)

## Publication Reference

- [Small molecule inhibitors of WNT/beta-catenin signaling block IL1beta/TNFalpha induced cartilage degradation.](#)

Landman EB, Miclea RL, van Blitterswijk CA, Karperien M.

Arthritis Research & Therapy 2013 Aug; 15:R19.

Application: IHC, Mouse, Mouse bones