

COL2A1 polyclonal antibody

Catalog # PAB13494 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against native COL2A1.
Immunogen	Native purified COL2A1 from bovine cartilage.
Host	Rabbit
Reactivity	Bovine, Horse, Pig, Sheep
Specificity	This antibody reacts with bovine collagen type II 100%, bovine collagen XI <3.0 %; bovine collagen I and IX <0.1% (RIA at 1:200 dilution).
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:100-1:500) Immunofluorescence (1:40) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS buffer (without BSA and preservative).
Storage Instruction	Store at -20°C. After reconstitution with 100 uL of deionized water, store at -20°C. 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	407142
Gene Name	COL2A1
Gene Alias	CB11
Gene Description	collagen, type II, alpha 1
Gene Ontology	Hyperlink
Gene Summary	-
Other Designations	cyanogen bromide

Publication Reference

- [A biomimetic honeycomb-like scaffold prepared by flow-focusing technology for cartilage regeneration.](#)
Wang CC, Yang KC, Lin KH, Wu CC, Liu YL, Lin FH, Chen IH.
Biotechnology and Bioengineering 2014 Nov; 111(11):2338.
Application: IHC, Porcine, Chondrocytes
- [Cartilage regeneration in SCID mice using a highly organized three-dimensional alginate scaffold.](#)
Wang CC, Yang KC, Lin KH, Liu YL, Liu HC, Lin FH.
Biomaterials 2012 Jan; 33(1):120.
Application: IHC-P, Mouse, Chondrocyte/scaffold constructs