



# Anti-Collagen Type II polyclonal antibody (DPAB1578GB)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts with conformational determinants on bovine type II collagen as demonstrated by ELISA. May react with type II collagen from other species. Exhibits <10% cross reactivity with collagen types I, III, IV, V and VI. Has not been tested for reactivity
<b>Immunogen</b>	Bovine type II collagen
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Bovine
<b>Purification</b>	Affinity chromatography on bovine Type II collagen covalently linked to agarose
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Enzyme linked immunosorbent assay (ELISA) Immunocytochemistry. A starting range of 1:10-1:20 is suggested. Dot and slot-immunoblotting Immunohistochemistry (frozen sections only) To ensure lot-to-lot consistency, each lot of affinity purified, unlabeled antibody is tested by ELISA for conformance with characteristics of a standard reference reagent. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Affinity Purified, Liquid
<b>Concentration</b>	0.4mg/ml
<b>Size</b>	200 µg
<b>Buffer</b>	100mM Borate buffered saline, pH 8.2
<b>Preservative</b>	None

**Storage**

Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">COL2A1 collagen, type II, alpha 1 [ Bos taurus ]</a>
<b>Official Symbol</b>	COL2A1
<b>Synonyms</b>	Alpha 1 type II collagen; Alpha-1 type II collagen; AOM; Cartilage collagen; Chondrocalcin; CO2A1_HUMAN; COL11A3; COL2A1; COL2A1 protein; Collagen alpha 1(II) chain precursor; Collagen II alpha 1 polypeptide; Collagen type II alpha 1 (primary osteoarthritis spondyloepiphyseal dysplasia congenital); MGC131516; SEDC; collagen, type II, alpha 1; CB11; collagen alpha-1(II) chain; pro-alpha 1(II); cyanogen bromide; Collagen Type II
<b>Entrez Gene ID</b>	<a href="#">407142</a>
<b>Protein Refseq</b>	<a href="#">NP_001001135</a>
<b>UniProt ID</b>	<a href="#">P02459</a>
<b>Pathway</b>	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Axon guidance, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal adhesion, organism-specific b
<b>Function</b>	platelet-derived growth factor binding