

Collagen Type II Antibody | anti-COL2A1 antibody

Collagen Type II antibody

CATALOG #
AAA106874

APPLICATIONS
Immunoprecipitation, Western Blot, Immunohistochemistry, ELISA

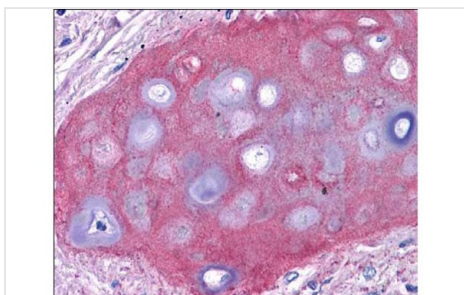
PRODUCT SYNONYMS

Collagen Type II; Collagen Type II antibody; Polyclonal Collagen Type II; Anti-Collagen Type II; Chondrocalcin; COL2A1; COL11A3; Cartilage collagen; anti-COL2A1 antibody

PRODUCT SPECIFICATIONS

Form/Format	Affinity purified supplied as a liquid 125mM Sodium Borate, 75mM Sodium Chloride, 5mM EDTA, pH 8.0 with 0.01% sodium azide.
Concentration	1.0mg/ml (by UV absorbance at 280nm) (varies by lot)
Applicable Applications for anti-COL2A1 antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Collagen Type II from human knee cartilage and bovine nasal cartilage
Cross Reactivity	Collagen Type II 100% Minimal reactivity with Type I, III, IV, V or VI collagens.
Preparation and Storage	Upon receipt store at 4°C prior to opening; product is stable at 4°C as an undiluted liquid. For extended storage, mix-with an equal volume of glycerol, aliquot and store at -20°C. Avoid repeated freeze-thaws.

IMAGES



IHC (Immunohistochemistry)

Anti collagen II antibody (1:400, 45 min RT) shows moderate staining of in FFPE human bronchiolar cartilage.

ADDITIONAL INFORMATION

Related Product Information for anti-COL2A1 antibody	Affinity purified Rabbit polyclonal Collagen Type II antibody
Product Categories/Family for anti-COL2A1 antibody	Cancer; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	95132445
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NCBI GeneID	1280
UniProt Accession #	P02458; Q12985; Q14009; Q14044; Q14045; Q14046; Q14047; Q14056; Q14058; Q16672; Q1JQ82; A6NGA0
Molecular Weight	29,781 Da
NCBI Official Full Name	Collagen, type II, alpha 1
NCBI Official Synonym Full Names	collagen, type II, alpha 1
NCBI Official Symbol	COL2A1
NCBI Official Synonym Symbols	AOM; ANFH; SEDC; STL1; COL11A3
NCBI Protein Information	collagen alpha-1(II) chain
UniProt Protein Name	Collagen alpha-1(II) chain
UniProt Gene Name	COL2A1
UniProt Entry Name	CO2A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/antibody/collagen-type-ii/106874>