

Collagen II Antibody | anti-COL2A1 antibody

Collagen II Antibody

CATALOG # AAA109094	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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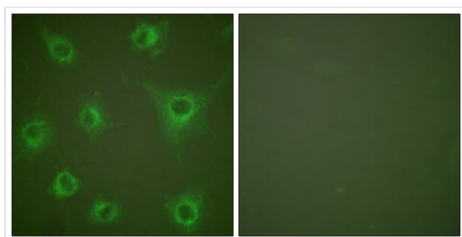
PRODUCT SYNONYMS

Collagen II; Collagen II Antibody; chondrocalcin; CO2A1; collagen alpha-1 (II); collagen type II alpha 1; anti-COL2A1 antibody

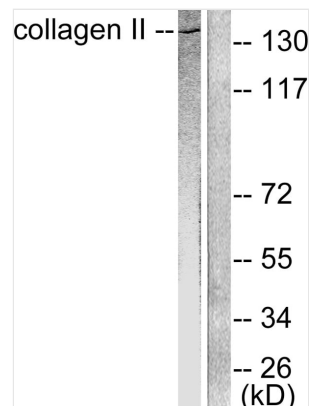
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Collagen II antibody detects endogenous levels of total Collagen II protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1487
Applicable Applications for anti-COL2A1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Collagen II.
Preparation and Storage	Store at -20 degree C for 1 year

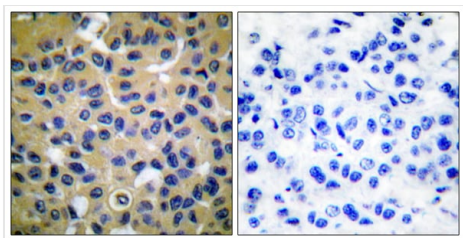
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of COS7 cells, using Collagen II antibody.


WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using Collagen II antibody.



IHC (Immunohistochemistry)
 Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Collagen II antibody.

ADDITIONAL INFORMATION

References	Seema K. Tiwari-Woodruff, J. Cell Biol., Apr 2001; 153: 295. Alexander Gow, J. Neurosci., Aug 2004; 24: 7051-7062. Anne Florin, Endocrinology, Mar 2005; 146: 1532-1540. Shin-ichiro Kitajiri, J. Cell Sci., Oct 2004; 117: 5087-5096.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111118976
NCBI GeneID	1280
NCBI Accession #	NP_001835.3
NCBI GenBank Nucleotide #	NM_001844.4
UniProt Accession #	P02458; Q12985; Q14009; Q14044; Q14045; Q14046; Q14047; Q14056; Q14058; Q16672; Q1JQ82; A6NGA0
Molecular Weight	29,781 Da
NCBI Official Full Name	collagen alpha-1(II) chain isoform 1
NCBI Official Synonym Full Names	collagen type II alpha 1 chain
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

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.