

anti-Human Collagen I alpha2 Antibody | anti-CO1A2 antibody

Collagen I alpha2 Antibody

CATALOG # AAA268344	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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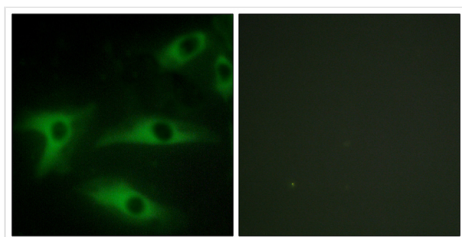
PRODUCT SYNONYMS

Collagen I alpha2; Collagen I alpha2 Antibody; Collagen alpha-2(I) chain [Precursor]; Alpha-2 type I collagen; anti-CO1A2 antibody

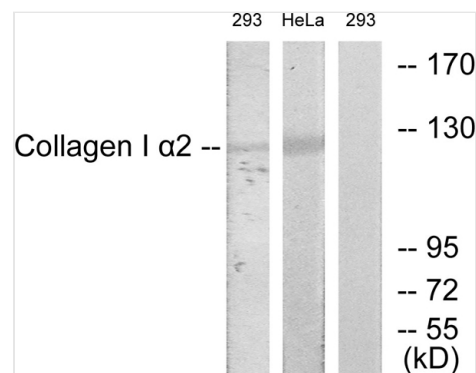
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Collagen I alpha2 antibody detects endogenous levels of total Collagen I alpha2 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	1366
Applicable Applications for anti-CO1A2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen I alpha2.
Preparation and Storage	Store at -20 degree C for 1 year.

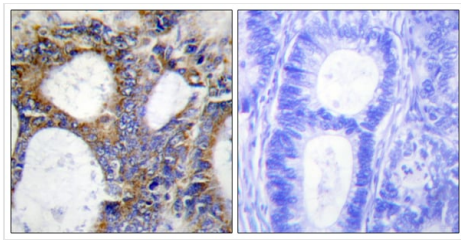
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Collagen I alpha2 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Collagen I alpha2 antibody. Western blot analysis of extracts from 293 cells and HeLa cells, using Collagen I alpha2 antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

References	Dalgleish R., Nucleic Acids Res. 25:181-187(1997). Korkko J.M., Am. J. Hum. Genet. 62:98-110(1998). Akai J., Connect. Tissue Res. 30:1-6(1998).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48762934
NCBI GeneID	1278
NCBI Accession #	NP_000080.2
NCBI GenBank Nucleotide #	NM_000089.3
UniProt Accession #	P08123; P02464; Q13897; Q13997; Q13998; Q14038; Q14057; Q15177; Q15947; Q16480; Q16511; Q7Z5S6
Molecular Weight	129,314 Da
NCBI Official Full Name	collagen alpha-2(I) chain
NCBI Official Synonym Full Names	collagen type I alpha 2 chain
NCBI Official Symbol	COL1A2
NCBI Official Synonym Symbols	OI4; EDSCV; EDSARTH2
NCBI Protein Information	collagen alpha-2(I) chain
UniProt Protein Name	Collagen alpha-2(I) chain
UniProt Gene Name	COL1A2

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/co1a2-human-antibody/collagen-i-alpha2/268344>