

Rabbit anti-Human Collagen I alpha2 Polyclonal Antibody | anti-COL1A2 antibody

Collagen I alpha2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306634	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Collagen I alpha2; Polyclonal Antibody; Collagen I alpha2 Antibody; Collagen I a2 Antibody; Collagen alpha-2(I) chain [Precursor]; Alpha-2 type I collagen; CO1A2; anti-COL1A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen I a2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1366
Applicable Applications for anti-COL1A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen I a2.
Target Name	Collagen I a2
Preparation and Storage	Store at -20°C

IMAGES



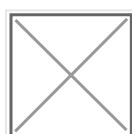
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen I a2 antibody (AAA306634).



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Collagen I a2 antibody (AAA306634).



WB (Western Blot)

Western blot analysis of extracts from 293 cells and HeLa cells, using Collagen I a2 antibody (AAA306634).

ADDITIONAL INFORMATION

Related Product Information for anti-COL1A2 antibody	Type I collagen is a member of group I collagen (fibrillar forming collagen).Dalglish 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).
Product Categories/Family for anti-COL1A2 antibody	Total protein Ab

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	SDS-PAGE MW: 125kd
NCBI Official Full Name	collagen alpha-2(I) chain
NCBI Official Synonym Full Names	collagen, type I, alpha 2
NCBI Official Symbol	COL1A2
NCBI Official Synonym Symbols	OI4
NCBI Protein Information	collagen alpha-2(I) chain
UniProt Protein Name	Collagen alpha-2(I) chain
UniProt Gene Name	COL1A2
UniProt Entry Name	CO1A2_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/polyclonal/collagen-i-alpha2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306634>