

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

Collagen I alpha2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317698	Rabbit	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Collagen I alpha2; Polyclonal Antibody; Collagen I alpha2 Antibody; alpha 2 type i collagen; co1a2; col1a2; collagen; type i; alpha 2; oi4; anti-COL1A2 antibody

PRODUCT SPECIFICATIONS

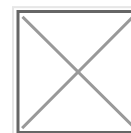
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Collagen I alpha2 Antibody detects endogenous levels of total Collagen I alpha2 protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,366
Applicable Applications for anti-COL1A2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human Collagen I alpha2.
Immunogen Range	471-520
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



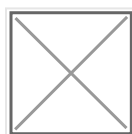
WB (Western Blot)

Western blot analysis of lysates from 293 and HeLa cells, using Collagen I alpha2 Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Collagen I alpha2 Antibody. The picture on the right is blocked with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen I alpha2 Antibody. The picture on the right is blocked with the synthesized peptide.

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 kDa
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/polyclonal/collagen-i-alpha2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/317698>