

Rabbit anti-Human, Mouse Collagen III Polyclonal Antibody | anti-COL3A1 antibody

Collagen III Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301505	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

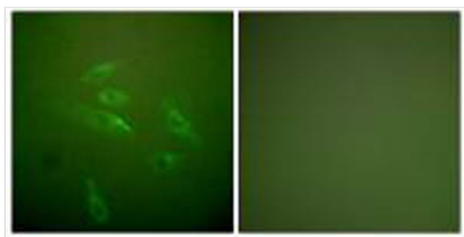
PRODUCT SYNONYMS

Collagen III; Polyclonal Antibody; Collagen III Antibody; Collagen alpha 1; Collagen alpha 1(III) chain [Precursor]; anti-COL3A1 antibody

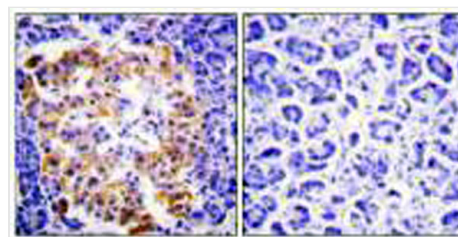
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total collagen III 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	1466
Applicable Applications for anti-COL3A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human collagen III.
Target Name	Collagen III
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen III antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using Collagen III antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL3A1 antibody	Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of GPR56 in the developing brain and binding to GPR56 inhibits neuronal migration and activates the RhoA pathway by coupling GPR56 to GNA13 and possibly GNA12. Arja Lamberg, J. Biol. Chem., May 1996; 271: 11988. GW Conrad, J. Cell Biol., Mar 1980; 84: 501. DR Keene, J. Cell Biol., Nov 1987; 105: 2393. HM Wang, J. Histochem. Cytochem., Nov 1980; 28: 1215.
Product Categories/Family for anti-COL3A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281
NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090.3
UniProt Accession #	P02461; P78429; Q15112; Q16403; Q53S91; Q541P8; Q6LDB3; Q6LDJ2; Q6LDJ3; Q7KZ56; D2JYH5; D3DPH4
Molecular Weight	135kd
NCBI Official Full Name	collagen alpha-1(III) chain preproprotein
NCBI Official Synonym Full Names	collagen, type III, alpha 1
NCBI Official Symbol	COL3A1
NCBI Official Synonym Symbols	EDS4A
NCBI Protein Information	collagen alpha-1(III) chain
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1
UniProt Entry Name	CO3A1_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-iii-antibody-immunofluorescence-immunohistochemistry-elisa/301505>