

Rabbit COL3A1/Collagen III Polyclonal Antibody | anti-COL3A1 antibody

COL3A1/Collagen III Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163113	HOST Rabbit	REACTIVITY Mouse, Rat, Human	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	--	--

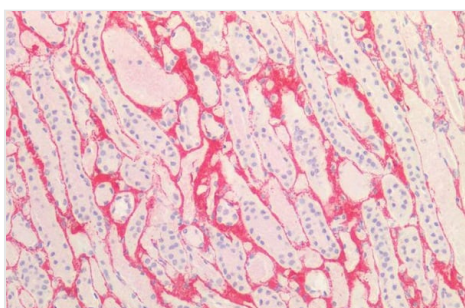
PRODUCT SYNONYMS

COL3A1/Collagen III; Polyclonal Antibody; COL3A1/Collagen III Rabbit anti-Human Polyclonal Antibody; PathPlus COL3A1/Collagen III Antibody; COL3A1; Alpha1 (III) collagen; Collagen alpha 1(iii); Collagen alpha-1(III) chain; Collagen; type III; alpha 1; fetal; EDS4A; anti-COL3A1 antibody

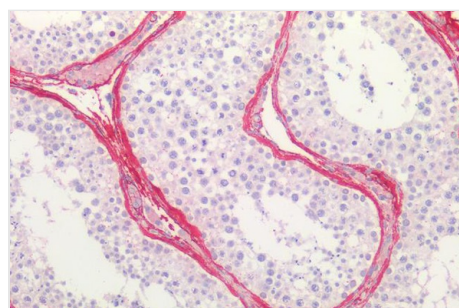
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human COL3A1/Collagen III
Purity/Purification	Affinity purification
Form/Format	PBS, pH7.4, 0.05% Sodium Azide, 50% Glycerol
Concentration	0.6mg/ml (varies by lot)
Applicable Applications for anti-COL3A1 antibody	IHC (Immunohistochemistry), ELISA
Target	Human COL3A1/Collagen III
Immunogen	Recombinant human COL3A1.
Conjugation	Unconjugated
Family	Collagen
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
COL3A1/Collagen III Antibody-Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
COL3A1/Collagen III Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-COL3A1 antibody	Collagen III antibody is an unconjugated rabbit polyclonal antibody to Collagen III (COL3A1) from human. It is reactive with human, mouse and rat. Validated for ELISA and IHC. COL3A1 (also called collagen III) is a protein that is a type of fibrillar collagen. It is secreted and comprises part of the extracellular matrix. Mutations in the COL3A1 gene are associated with the vascular type of Ehlers-Danlos syndrome, aortic and arterial aneurysms, and collagen type III glomerulopathy. COL3A1 is broadly expressed in most soft connective tissues such as skin, uterus, lung, intestine, and the vascular system, as well as some neoplastic tissues. Staining is used to identify glomerular COL3A1 deposition in collagen type III glomerulopathy.
References	Proc Natl Acad Sci U S A. 1997;94(5):1852-1856. doi: 10.1073/pnas.94.5.1852; J Nippon Med Sch. 2008;75(5):254-261. PMID: 19023163; Clin Kidney J. 2015;8(5):543-547. doi: 10.1093/ckj/sfv061; Adv Chronic Kidney Dis. 2012;19(2):101-106. doi: 10.1053/j.ackd.2012.02.017; Clin Nephrol. 2017;87(1):39-46. doi: 10.5414/CN108907

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281
NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090
UniProt Accession #	P02461; P78429; Q15112; Q16403; Q53S91; Q541P8; Q6LDB3; Q6LDJ2; Q6LDJ3; Q7KZ56; Q8N6U4; D3DPH4
Molecular Weight	138,564 Da
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; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; Ehlers-Danlos syndrome type IV, autosomal dominant
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/col3a1-collagen-iii-antibody-immunohistochemistry-elisa/163113>