

Rabbit COL1A1 Polyclonal Antibody | anti-COL1A1 antibody

COL1A1 Polyclonal Antibody

CATALOG # AAA173607	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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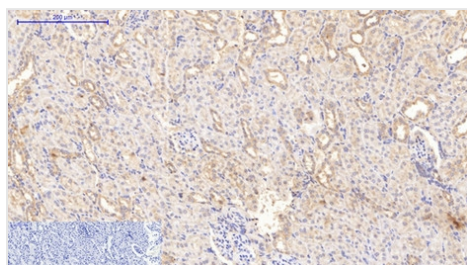
PRODUCT SYNONYMS

COL1A1; Polyclonal Antibody; COL1A1 Polyclonal Antibody; OI4; anti-COL1A1 antibody

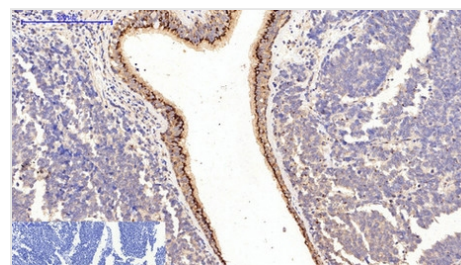
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Number	3C3
Concentration	1mg/mL (varies by lot)
Sequence Length	1464
Applicable Applications for anti-COL1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human COL1A1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney tissue using Collagen I Monoclonal Antibody at dilution of 1:200.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using Collagen I Monoclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-COL1A1 antibody

COL1A1 comprises the pro- α 1 chains of type I collagen whose triple helix comprises two α 1 chains and one α 2 chain. Type I is a fibril-forming collagen found in most connective tissues and is abundant in bone, cornea, dermis and tendon. Mutations in COL1A1 are associated with osteogenesis imperfecta types I-IV, Ehlers-Danlos syndrome type VIIA, Ehlers-Danlos syndrome Classical type, Caffey Disease and idiopathic osteoporosis. Mutations in this protein are also associated with a particular type of skin tumor called dermatofibrosarcoma protuberans, resulting from unregulated expression of the growth factor (1).

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349772
NCBI GeneID	1277
NCBI Accession #	NP_000079.2
NCBI GenBank Nucleotide #	NM_000088.3
UniProt Accession #	P02452; O76045; P78441; Q13896; Q13902; Q13903; Q14037; Q14992; Q15176; Q15201; Q16050; Q59F64
Molecular Weight	140kDa
NCBI Official Full Name	collagen alpha-1(I) chain preproprotein
NCBI Official Synonym Full Names	collagen type I alpha 1 chain
NCBI Official Symbol	COL1A1
NCBI Official Synonym Symbols	OI1; OI2; OI3; OI4; EDSC
NCBI Protein Information	collagen alpha-1(I) chain
UniProt Protein Name	Collagen alpha-1(I) chain
UniProt Gene Name	COL1A1

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/col1a1-antibody-clone-3c3-immunohistochemistry-western-blot-elisa/173607>