

Rabbit Collagen Type I Alpha 1 Antibody | anti-COL1a1 antibody

Polyclonal Antibody to Collagen Type I Alpha 1 (COL1a1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143410	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry, Western Blot

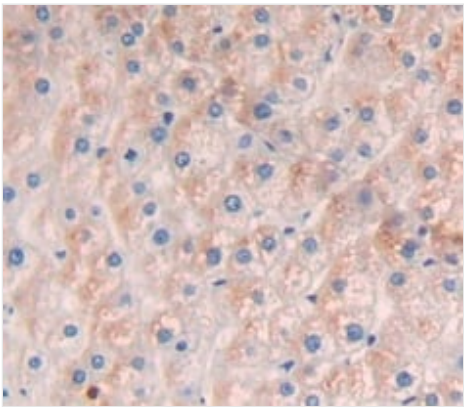
PRODUCT SYNONYMS

Collagen Type I Alpha 1; Polyclonal Antibody to Collagen Type I Alpha 1 (COL1a1); anti-COL1a1 antibody

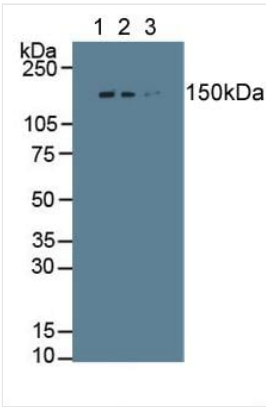
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.84mg/ml (varies by lot)
Applicable Applications for anti-COL1a1 antibody	ELISA, IHC (Immunohistochemistry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Source	Polyclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant COL1a1 (Ala1218-Ile1440) expressed in E.coli .
Cross Reactivity	Human, Pig
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

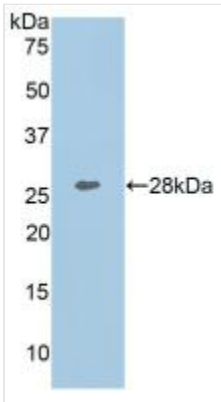
IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Lane 1: Human Placenta Tissue; Lane 2: Human Liver Tissue; Lane 3: Porcine Skin Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant COL1a1, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453898
NCBI GeneID	5300
NCBI Accession #	NP_006212.1
NCBI GenBank Nucleotide #	NM_006221.3
UniProt Accession #	Q13526; Q53X75; A8K4V9
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
NCBI Official Synonym Full Names	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
NCBI Official Symbol	PIN1
NCBI Official Synonym Symbols	DOD; UBL5
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
UniProt Gene Name	PIN1
UniProt Synonym Gene Names	PPlase Pin1

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/rabbit-col1a1-human-mouse-pig-rat-antibody/collagen-type-i-alpha-1/143410>