

Rabbit Collagen 1 alpha 1 Polyclonal Antibody | anti-COL1A1 antibody

Anti-Collagen 1 alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292572	Rabbit	Human, Mouse, Rat, Rabbit, Bovine, Drosophila	Immunohistochemistry, Western Blot

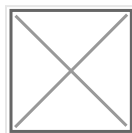
PRODUCT SYNONYMS

Collagen 1 alpha 1; Polyclonal Antibody; Anti-Collagen 1 alpha 1 Antibody; Collagen alpha-1 (I) chain; Alpha-1 type I collagen; anti-COL1A1 antibody

PRODUCT SPECIFICATIONS

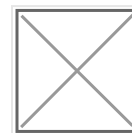
Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Drosophila
Clonality	Polyclonal
Applicable Applications for anti-COL1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/50 - 1/100) Immunohistochemical analysis of Collagen 1 alpha 1 staining in human lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/100) Western blot analysis of Collagen 1 alpha 1 expression in EC9706 (A), A375 (B), SGC7901 (C), Hela (D), HEK293T (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-COL1A1 antibody	Rabbit polyclonal antibody to Collagen 1 alpha 1 KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Collagen 1 alpha 1. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296439504
NCBI GeneID	1277
UniProt Accession #	P02452; O76045; P78441; Q13896; Q13902; Q13903; Q14037; Q14992; Q15176; Q15201; Q16050; Q59F64
Molecular Weight	138,941 Da
NCBI Official Full Name	Collagen alpha-1(I) chain
NCBI Official Synonym Full Names	collagen, type I, alpha 1

NCBI Official Symbol	COL1A1
NCBI Official Synonym Symbols	OI4
NCBI Protein Information	collagen alpha-1(I) chain; collagen alpha-1(I) chain; alpha-1 type I collagen; pro-alpha-1 collagen type 1; collagen alpha 1 chain type I; collagen alpha-1(I) chain preproprotein; collagen of skin, tendon and bone, alpha-1 chain
UniProt Protein Name	Collagen alpha-1(I) chain
UniProt Gene Name	COL1A1
UniProt Entry Name	CO1A1_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-1-alpha-1-antibody-immunohistochemistry-western-blot-elisa/292572>