

Rabbit anti-Human, Cow COL1A1/Collagen I Monoclonal Antibody | anti-COL1A1 antibody

COL1A1/Collagen I Antibody

CATALOG # AAA312237	HOST Rabbit	REACTIVITY Human, Cow	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

COL1A1/Collagen I; Monoclonal Antibody; COL1A1/Collagen I Antibody; COL1A1/Collagen Antibody; Alpha 1 type I collagen antibody; Alpha 2 type I collagen antibody; alpha 2 type I procollagen antibody; alpha 2 (I) procollagen antibody; alpha 2 (I)-collagen antibody; Alpha-1 type I collagen antibody; alpha1 (I) procollagen antibody; CO1A1_HUMAN antibody; COL1A1 antibody; COL1A2 antibody; collagen alpha 1 chain type I antibody; Collagen alpha-1 (I) chain antibody; collagen alpha-1 (I) chain preproprotein antibody; Collagen I alpha 1 polypeptide antibody; Collagen I alpha 2 polypeptide antibody; collagen of skin; tendon and bone; alpha-1 chain antibody; alpha-2 chain antibody; Collagen type I alpha 1 antibody; Collagen type I alpha 2 antibody; EDSC antibody; OI1 antibody; OI2 antibody; OI3 antibody; OI4 antibody; pro-alpha-1 collagen type 1 antibody; type I proalpha 1 antibody; type I procollagen alpha 1 chain antibody; Type I procollagen antibody; anti-COL1A1 antibody

PRODUCT SPECIFICATIONS

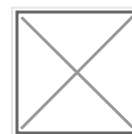
Host	Rabbit
Reactivity	Human, Cow
Clonality	Monoclonal
Clone Number	ST58-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-COL1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



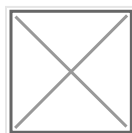
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-COL1A1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-COL1A1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of COL1A1 on human placenta lysates using anti-COL1A1 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-COL1A1 antibody	The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial collagens (types I, II, III and V) and basement membrane collagens (type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.
Product Categories/Family for anti-COL1A1 antibody	Total protein Ab

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/monoclonal/col1a1-collagen-i-antibody-clone-st58-04-immunohistochemistry-western-blot-elisa/312237>