

Rabbit anti-Human Collagen XII alpha1 Polyclonal Antibody | anti-COL12A1 antibody

Collagen XII alpha1 Antibody

CATALOG # AAA304234	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry
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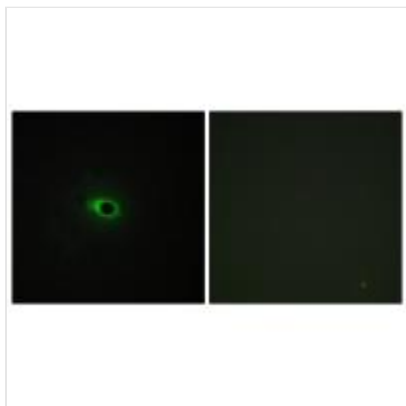
PRODUCT SYNONYMS

Collagen XII alpha1; Polyclonal Antibody; Collagen XII alpha1 Antibody; Collagen XII a1 Antibody; Collagen alpha-1(XII) chain; COCA1; anti-COL12A1 antibody

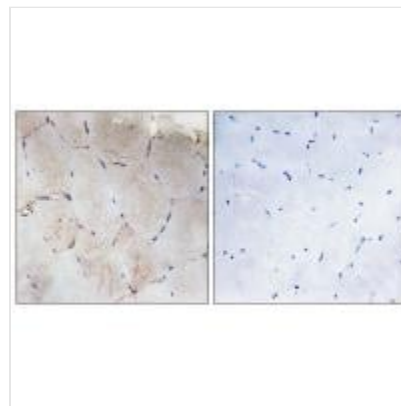
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen XII a1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	3063
Applicable Applications for anti-COL12A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen XII a1.
Target Name	Collagen XII a1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of COS-7 cells, using Collagen XII a1 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Collagen XII a1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL12A1 antibody	Type XII collagen interacts with type I collagen-containing fibrils, the COL1 domain could be associated with the surface of the fibrils, and the COL2 and NC3 domains may be localized in the perifrillar matrix By similarity.Gerecke D.R., Genomics 41:236-242(1997).Mungall A.J., Nature 425:805-811(2003).Chiquet M., Eur. J. Biochem. 257:362-371(1998).
Product Categories/Family for anti-COL12A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	93141047
NCBI GeneID	1303
NCBI Accession #	NP_004361.3
NCBI GenBank Nucleotide #	NM_004370.5
UniProt Accession #	Q99715; O43853; Q15955; Q5VYK1; Q5VYK2; Q71UR3; Q99716
Molecular Weight	324,570 Da
NCBI Official Full Name	collagen alpha-1(XII) chain long isoform
NCBI Official Synonym Full Names	collagen, type XII, alpha 1
NCBI Official Symbol	COL12A1
NCBI Official Synonym Symbols	COL12A1L; BA209D8.1; DJ234P15.1
NCBI Protein Information	collagen alpha-1(XII) chain
UniProt Protein Name	Collagen alpha-1(XII) chain
UniProt Gene Name	COL12A1
UniProt Synonym Gene Names	COL12A1L
UniProt Entry Name	COCA1_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-xii-alpha1-antibody-immunofluorescence-immunohistochemistry-elisa/304234>