

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

Collagen XII alpha1 Antibody

CATALOG # AAA109615	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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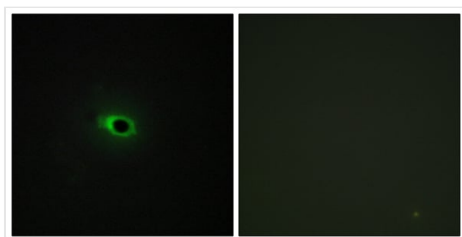
PRODUCT SYNONYMS

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

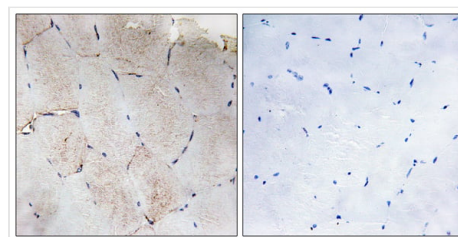
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Collagen XII alpha1 antibody detects endogenous levels of total Collagen XII alpha1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	3063
Applicable Applications for anti-COL12A1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen XII alpha1.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)
Peptide-+ Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Collagen XII alpha1 antibody. Immunofluorescence analysis of COS-7 cells, using Collagen XII alpha1 antibody.



Application Data
Peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL12A1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

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 chain
NCBI Official Symbol	COL12A1
NCBI Official Synonym Symbols	UCMD2; BTHLM2; EDSMYP; 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-antibody/collagen-xii-alpha1/109615>