

anti-Human Collagen V alpha1 Antibody | anti-COL5A1 antibody

Collagen V alpha1 Antibody

CATALOG # AAA109442	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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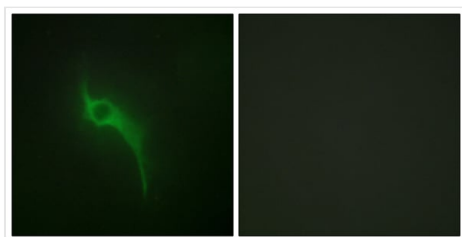
PRODUCT SYNONYMS

Collagen V alpha1; Collagen V alpha1 Antibody; Collagen alpha-1(V) chain [Precursor]; anti-COL5A1 antibody

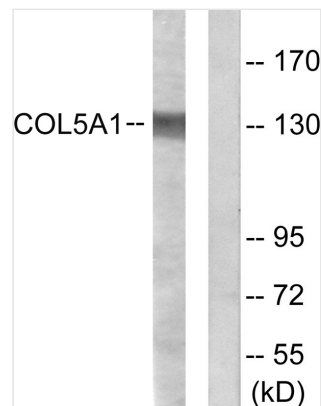
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Collagen V alpha1 antibody detects endogenous levels of total Collagen V 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	1838
Applicable Applications for anti-COL5A1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen V alpha1.
Preparation and Storage	Store at -20 degree C for 1 year.

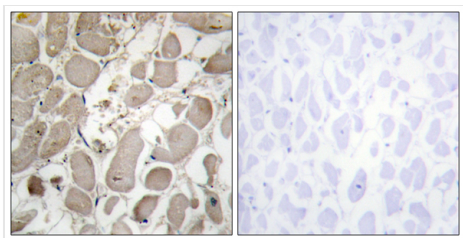
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Collagen V alpha1 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Collagen V alpha1 antibody. Western blot analysis of extracts from HeLa cells, using Collagen V alpha1 antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL5A1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Takahara K., J. Biol. Chem. 266:13124-13129(1991). Greenspan D.S., J. Biol. Chem. 266:24727-24733(1991). Humphray S.J., Nature 429:369-374(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	89276751
NCBI GeneID	1289
NCBI Accession #	NP_000084.3
NCBI GenBank Nucleotide #	NM_000093.4
UniProt Accession #	P20908; Q15094; Q5SUX4
Molecular Weight	183,560 Da
NCBI Official Full Name	collagen alpha-1(V) chain isoform 1 preproprotein
NCBI Official Synonym Full Names	collagen type V alpha 1 chain
NCBI Official Symbol	COL5A1
NCBI Official Synonym Symbols	EDSC; EDSCL1
NCBI Protein Information	collagen alpha-1(V) chain
UniProt Protein Name	Collagen alpha-1(V) chain
UniProt Gene Name	COL5A1

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/col5a1-human-antibody/collagen-v-alpha1/109442>