

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

Collagen V alpha1 Antibody

CATALOG # AAA306596	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Collagen V alpha1; Polyclonal Antibody; Collagen V alpha1 Antibody; Collagen V a1 Antibody; Collagen alpha-1(V) chain [Precursor]; COL5A1; anti-COL5A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen V 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	1838
Applicable Applications for anti-COL5A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen V a1.
Target Name	Collagen V a1
Preparation and Storage	Store at -20 degree C

IMAGES



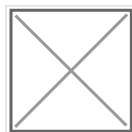
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen V a1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Collagen V a1 antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using Collagen V a1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL5A1 antibody	Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.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).
Product Categories/Family for anti-COL5A1 antibody	Total protein Ab

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
NCBI Official Symbol	COL5A1
NCBI Official Synonym Symbols	EDSC
NCBI Protein Information	collagen alpha-1(V) chain
UniProt Protein Name	Collagen alpha-1(V) chain
UniProt Gene Name	COL5A1
UniProt Entry Name	CO5A1_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-v-alpha1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306596>