

Rabbit anti-Human Collagen V alpha2 Polyclonal Antibody | anti-COL5A2 antibody

Collagen V alpha2 Antibody

CATALOG # AAA307746	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

Collagen V alpha2; Polyclonal Antibody; Collagen V alpha2 Antibody; Collagen V a2 Antibody; Collagen alpha-2(V) chain; CO5A2; anti-COL5A2 antibody

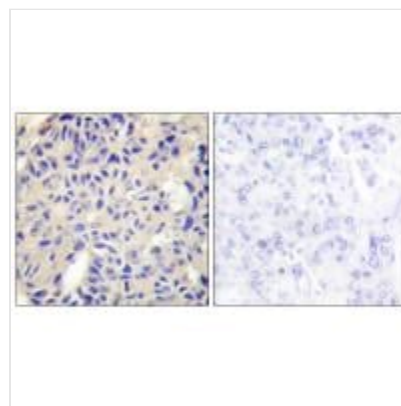
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen V a2 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	1499
Applicable Applications for anti-COL5A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen V a2.
Target Name	Collagen V a2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using Collagen V a2 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Collagen V a2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL5A2 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. Type V collagen is a key determinant in the assembly of tissue-specific matrices By similarity.Hillier L.W., Nature 434:724-731(2005).Valkkila M., Matrix Biol. 20:357-366(2001).Greenspan D.S., Gene Expr. 1:29-39(1991).
Product Categories/Family for anti-COL5A2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	89363017
NCBI GeneID	1290
NCBI Accession #	NP_000384.2
NCBI GenBank Nucleotide #	NM_000393.3
UniProt Accession #	P05997; P78440; Q13908; Q53WR4; Q59GR4; Q6LDJ5; Q7KZ55; Q86XF6; Q96QB0; Q96QB3
Molecular Weight	SDS-PAGE: 145kd
NCBI Official Full Name	collagen alpha-2(V) chain preproprotein
NCBI Official Synonym Full Names	collagen, type V, alpha 2
NCBI Official Symbol	COL5A2
NCBI Official Synonym Symbols	EDSC
NCBI Protein Information	collagen alpha-2(V) chain
UniProt Protein Name	Collagen alpha-2(V) chain
UniProt Gene Name	COL5A2
UniProt Entry Name	CO5A2_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.