

Rabbit anti-Human, Mouse Collagen XVIII alpha1 Polyclonal Antibody | anti-COL18A1 antibody

Collagen XVIII alpha1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302596	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

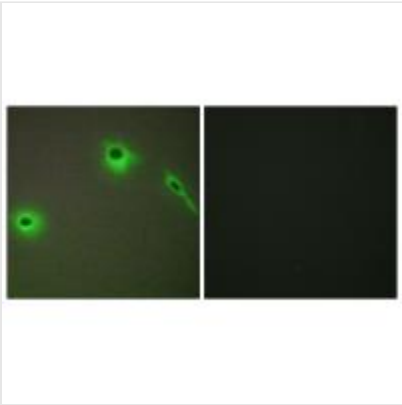
PRODUCT SYNONYMS

Collagen XVIII alpha1; Polyclonal Antibody; Collagen XVIII alpha1 Antibody; Collagen XVIII a1 Antibody; Collagen alpha-1(XVIII) chain; Endostatin; COI1A1; anti-COL18A1 antibody

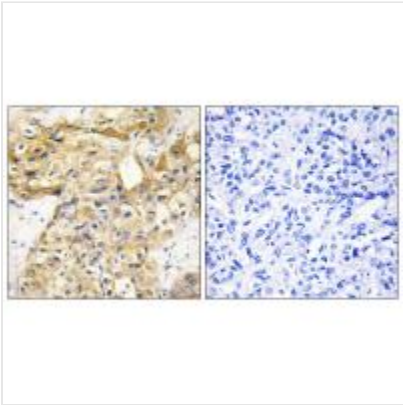
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen XVIII 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 Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1516
Applicable Applications for anti-COL18A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen XVIII a1.
Target Name	Collagen XVIII a1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells, using Collagen XVIII α1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using Collagen XVIII α1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL18A1 antibody	COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.Endostatin potently inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.Saarela J., Matrix Biol. 16:319-328(1998).Elamaa H., Matrix Biol. 22:427-442(2003).Hattori M, Nature 405:311-319(2000).
Product Categories/Family for anti-COL18A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611235
NCBI GeneID	80781
NCBI Accession #	NP_085059.2
NCBI GenBank Nucleotide #	NM_030582.3
UniProt Accession #	P39060; Q58EX6; Q6RZ39; Q6RZ40; Q6RZ41; Q8N4S4; Q8WXI5; Q96T70; Q9UK38; Q9Y6Q7; Q9Y6Q8; A8MVI4
Molecular Weight	178kd
NCBI Official Full Name	collagen alpha-1(XVIII) chain isoform 1 preproprotein
NCBI Official Synonym Full Names	collagen, type XVIII, alpha 1
NCBI Official Symbol	COL18A1
NCBI Official Synonym Symbols	KS; KNO; KNO1
NCBI Protein Information	collagen alpha-1(XVIII) chain
UniProt Protein Name	Collagen alpha-1(XVIII) chain
UniProt Gene Name	COL18A1
UniProt Entry Name	COIA1_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.