

Rabbit anti-Human, Mouse COL18A1 Polyclonal Antibody | anti-COL18A1 antibody

COL18A1 Polyclonal Antibody

CATALOG # AAA174470	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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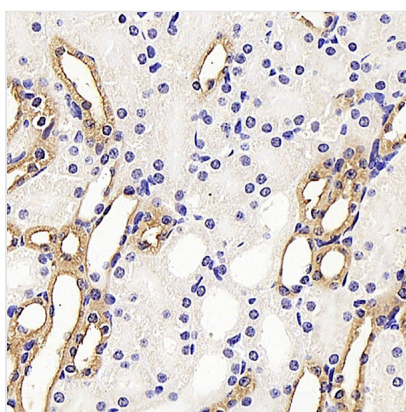
PRODUCT SYNONYMS

COL18A1; Polyclonal Antibody; COL18A1 Polyclonal Antibody; Antiangiogenic agent; COIA1; Col18a1; Collagen alpha 1(XVIII) chain; Collagen type XVIII alpha 1; Endostatin; KNO; KNO1; KS; Multi functional protein MFP; anti-COL18A1 antibody

PRODUCT SPECIFICATIONS

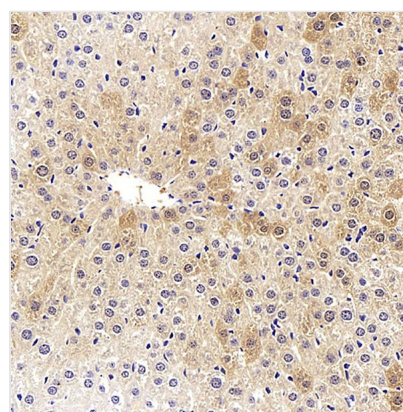
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.1 mg/mL (varies by lot)
Sequence Length	1,519
Applicable Applications for anti-COL18A1 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Endostatin
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



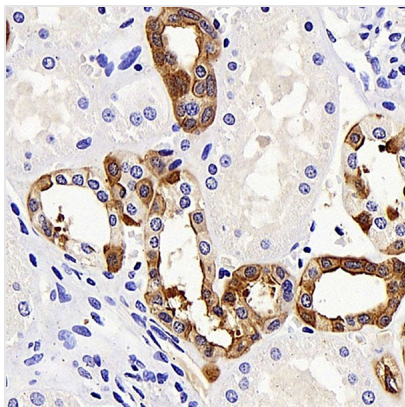
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse kidney using COL18A1 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse liver using COL18A1 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human kidney using COL18A1 Polyclonal Antibody at dilution of 1:400.

ADDITIONAL INFORMATION

Related Product Information for anti-COL18A1 antibody	This gene encodes the alpha chain of type XVIII collagen. This collagen is one of the multiplexins, extracellular matrix proteins that contain multiple triple-helix domains (collagenous domains) interrupted by non-collagenous domains. The proteolytically produced C-terminal fragment of type XVIII collagen is endostatin, a potent antiangiogenic protein. Mutations in this gene are associated with Knobloch syndrome. The main features of this syndrome involve retinal abnormalities, so type XVIII collagen may play an important role in retinal structure and in neural tube closure. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-COL18A1 antibody	Cancer; Cardiovascular; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611235
NCBI GeneID	80781
NCBI Accession #	NP_085059.2
NCBI GenBank Nucleotide #	NM_030582.4
UniProt Accession #	P39060; Q58EX6; Q6RZ39; Q6RZ40; Q6RZ41; Q8N4S4; Q8WXI5; Q96T70; Q9UK38; Q9Y6Q7; Q9Y6Q8; A8MVI4
Molecular Weight	154,018 Da
NCBI Official Full Name	collagen alpha-1(XVIII) chain isoform 1 preproprotein
NCBI Official Synonym Full Names	collagen type XVIII alpha 1 chain
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 Synonym Gene Names	NC1

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.