COL18A1 Polyclonal Antibody

catalog number: **E-AB-70197**

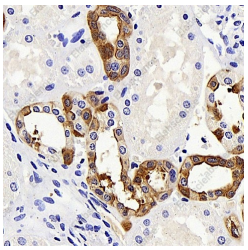
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

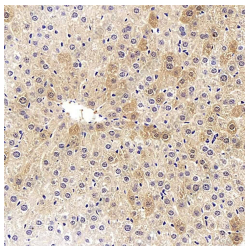
Reactivity	Human;Mouse
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Endostatin
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:300-1:1000

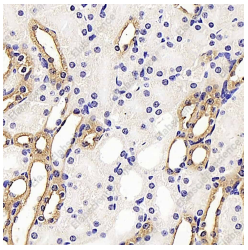
Data



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



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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Email: techsupport@elabscience.com

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 protei n.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.

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