

Rabbit anti-Human, Mouse Collagen Type XVIII (COL18) Polyclonal Antibody | anti-COL18 antibody

Polyclonal Antibody to Collagen Type XVIII (COL18)

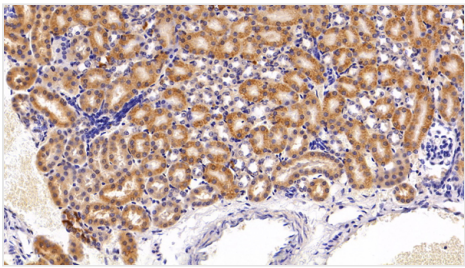
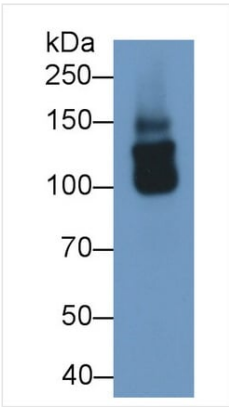
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151959	Rabbit	Human, Mouse	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Collagen Type XVIII (COL18); Polyclonal Antibody; Polyclonal Antibody to Collagen Type XVIII (COL18); COL18/Collagen Type XVIII; COL18A1; KNO; Endostatin; Collagen Alpha1(XVIII)Chain; anti-COL18 antibody

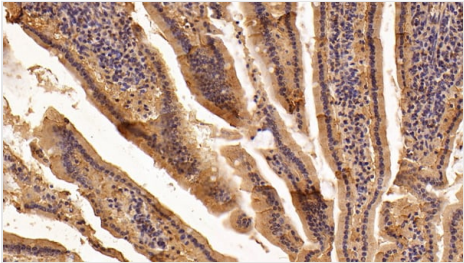
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COL18. It has been selected for its ability to recognize COL18 in immunohistochemical staining and western blotting.
Purity/Purification	Antigenspecific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-COL18 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	His1591~Lys1774
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

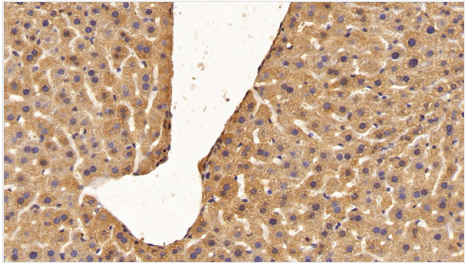


IHC (Immunohistochemisry)
DAB staining on IHCP;Sample: Mouse Kidney Tissue; Primary Ab: 20ug/ml Rabbit AntiMouse COL18 AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiRabbit IgG Polyclonal Antibody(Catalog: SAA544Rb19

WB (Western Blot)
Western Blot; Sample: 293T cell lysate Primary Ab: 0.1ug/ml Rabbit AntiMouse IGF1 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiRabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19



IHC (Immunohiostchemistry)
DAB staining on IHCP;Sample: Mouse Small Intestine Tissue; Primary Ab: 20ug/ml Rabbit AntiMouse COL18 AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiRabbit IgG Polyclonal Antibody(Catalog: SAA544Rb19



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Mouse Liver Tissue; Primary Ab: 20ug/ml Rabbit AntiMouse COL18 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiRabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL18 antibody	Metabolic pathway; Neuro science; Developmental science; Nutrition metabolism; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158508560
NCBI GeneID	12822
NCBI Accession #	NP_001103461.1
NCBI GenBank Nucleotide #	NM_001109991.1
UniProt Accession #	P39061; Q60672; Q61434; Q61437; Q62001; Q62002; Q6NZK9; Q6P1Y4; Q8CCZ8; Q9CRT2; Q9JK63
Molecular Weight	134,204 Da
NCBI Official Full Name	collagen alpha-1(XVIII) chain isoform 1
NCBI Official Synonym Full Names	collagen, type XVIII, alpha 1
NCBI Official Symbol	Col18a1
NCBI Protein Information	collagen alpha-1(XVIII) chain; collagen alpha-1(XVIII) chain; endostatin; procollagen, type XVIII, alpha 1
UniProt Protein Name	Collagen alpha-1(XVIII) chain
UniProt Gene Name	Col18a1

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-type-xviii-col18-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151959>