

Rabbit COL18A1 Polyclonal Antibody | anti-COL18A1 antibody

COL18A1 Polyclonal Antibody

CATALOG # AAA170094	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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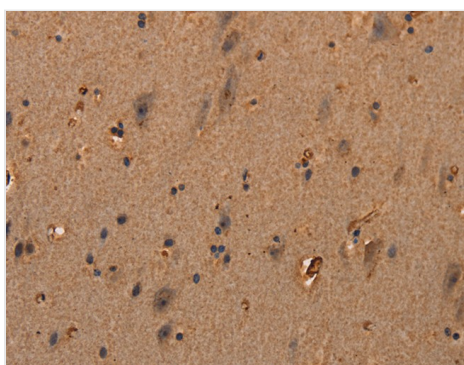
PRODUCT SYNONYMS

COL18A1; Polyclonal Antibody; COL18A1 Polyclonal Antibody; KS; KNO; KNO1; anti-COL18A1 antibody

PRODUCT SPECIFICATIONS

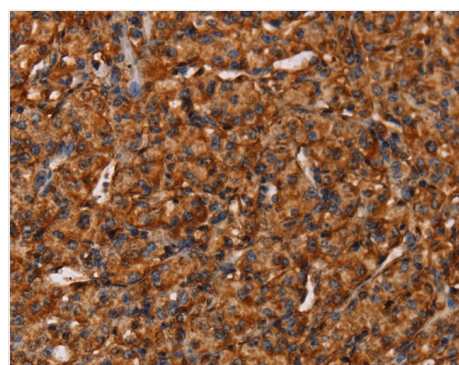
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (varies by lot)
Sequence Length	1751
Applicable Applications for anti-COL18A1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human COL18A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using COL18A1 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using COL18A1 Polyclonal Antibody at dilution 1:40

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206597445
NCBI GeneID	80781
NCBI Accession #	NP_569711.2
NCBI GenBank Nucleotide #	NM_130444.2
Molecular Weight	135,761 Da
NCBI Official Full Name	collagen alpha-1(XVIII) chain isoform 3 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; collagen alpha-1(XVIII) chain; antiangiogenic agent; endostatin; multi-functional protein MFP
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/col18a1-antibody-immunohistochemistry-elisa/170094>