

Rabbit COLLAGEN VI Polyclonal Antibody | anti-COL6A1 antibody

RABBIT ANTI COLLAGEN VI

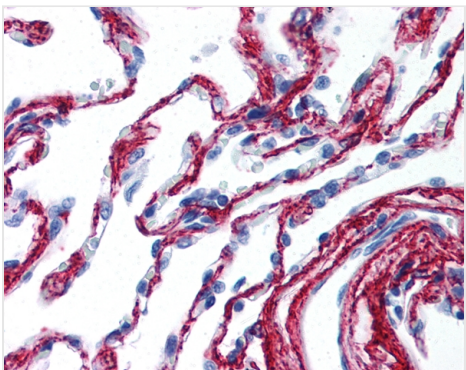
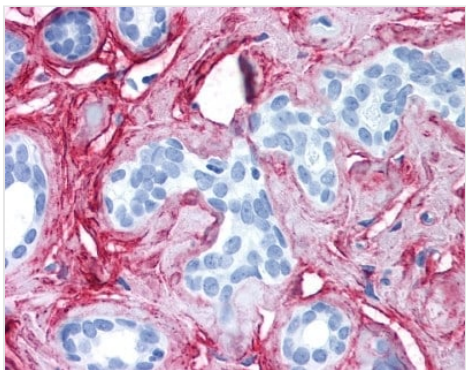
CATALOG # AAA50073	HOST Rabbit	REACTIVITY Bovine, Mammals (Expected from Sequence)	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

COLLAGEN VI; Polyclonal Antibody; RABBIT ANTI COLLAGEN VI; anti-COL6A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Mammals (Expected from Sequence)
Clonality	Polyclonal
Isotype	IgG
Specificity	This item detects mammalian collagen type VI, also known as COL6A, a secreted extracellular matrix protein involved in cellular adhesion. Collagen type specific antibodies are dependent on non-denatured three-dimensional epitopes. Therefore, the reactivity and selectivity of this antibody will be significantly reduced if denatured and reducing conditions of SDS-PAGE and immunoblotting are used.
Form/Format	Purified Purified IgG - liquid
Concentration	Total protein concentration 1.0 mg/ml (varies by lot)
Sequence Length	1028
Applicable Applications for anti-COL6A1 antibody	IHC (Immunohistochemistry)
Perservative Stabilisers	0.01% Sodium Azide (NaN ₃)
Immunogen	Collagen Type VI from Human and Bovine Placenta. Histology Positive Control Tissue
Antiserum Preparation	Antiserum to Collagen IV was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
Staining of formalin fixed, paraffin embedded human breast with Rabbit anti Human collagen 6 (AAA50073)

Application Data
Staining of formalin fixed, paraffin embedded human lung with Rabbit anti Human collagen VI (AAA50073)

ADDITIONAL INFORMATION

Related Product Information for anti-COL6A1 antibody	MBS223907 detects mammalian collagen type VI, also known as COL6A, a secreted extracellular matrix protein involved in cellular adhesion. Collagen type specific antibodies are dependent on non-denatured three-dimensional epitopes. Therefore, the reactivity and selectivity of this antibody will be significantly reduced if denatured and reducing conditions of SDS-PAGE and immunblotting are used.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	87196339
NCBI GeneID	1291
NCBI Accession #	NP_001839.2
NCBI GenBank Nucleotide #	NM_001848.2
UniProt Accession #	P12109; O00117; O00118; Q14040; Q14041; Q16258; Q7Z645; Q9BSA8
Molecular Weight	108,529 Da
NCBI Official Full Name	collagen alpha-1(VI) chain
NCBI Official Synonym Full Names	collagen, type VI, alpha 1
NCBI Official Symbol	COL6A1
NCBI Official Synonym Symbols	OPLL
NCBI Protein Information	collagen alpha-1(VI) chain; collagen alpha-1(VI) chain; alpha 1 (VI) chain (61 AA); collagen VI, alpha-1 polypeptide
UniProt Protein Name	Collagen alpha-1(VI) chain
UniProt Gene Name	COL6A1
UniProt Entry Name	CO6A1_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.