

Rabbit Collagen Type VI Antibody | anti-COL6A6 antibody

Collagen Type VI antibody

CATALOG # AAA14332	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot
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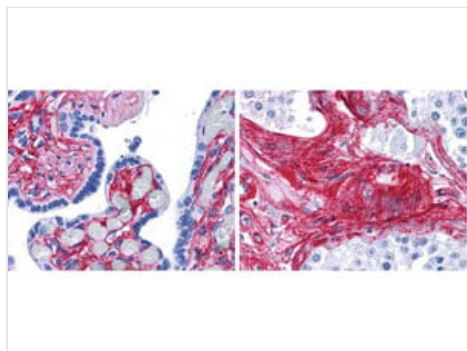
PRODUCT SYNONYMS

Collagen Type VI; Collagen Type VI antibody; Polyclonal Collagen Type VI; Anti-Collagen Type VI; CollagenVI; Human mRNA for collagen VI alpha 1 C terminal globular domain; anti-COL6A6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Form/Format	Supplied in 20mM Potassium Phosphate, pH 7.2, with 15mM Sodium Chloride, and 0.01% Sodium Azide
Concentration	1.2mg/ml (varies by lot)
Applicable Applications for anti-COL6A6 antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Collagen Type VI from human and bovine placenta
Cross Reactivity	Human, Bovine
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Biological Significance	Collagen is a group of naturally occurring proteins found, in nature, exclusively in animals, especially in the flesh and connective tissues of mammals. It is the main component of connective tissue, and is the most abundant protein in mammals, making up about 25% to 35% of the whole-body protein content. Collagen alpha-1(VI) chain is a protein that in humans is encoded by the COL6A1 gene. Collagen VI is a major structural component of microfibrils. The basic structural unit of collagen VI is a heterotrimer of the alpha1(VI), alpha2(VI), and alpha3(VI) chains. The alpha2(VI) and alpha3(VI) chains are encoded by the COL6A2 and COL6A3 genes, respectively.
Preparation and Storage	Product is stable at 4 degree C as an undiluted liquid. Dilute only prior to immediate use. For extend storage, mix with an equal volume of glycerol and freeze at -20 degree C in working aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-COL6A6 antibody	Affinity purified Rabbit polyclonal Collagen Type VI antibody
Product Categories/Family for anti-COL6A6 antibody	Cancer; Purified Polyclonal Antibodies
References	Differential and restricted expression of novel collagen VI chains in mouse; Sudheer Kumar Gara, Paolo Grumati, Stefano Squarzoni, Patrizia Sabatelli, Anna Urciuolo, Paolo Bonaldo, Mats Paulsson, Raimund Wagener (Matrix Biology: Volume: 30 Issue: 4 Page: 248257 DOI: 10.1016/j.matbio.2011.03.006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156616290
NCBI GeneID	131873
NCBI Accession #	NP_001096078.1
NCBI GenBank Nucleotide #	NM_001102608.1
UniProt Accession #	A6NMZ7; Q69YT0; A7DZQ0; A7DZQ1; A7DZQ2
NCBI Official Full Name	collagen alpha-6(VI) chain
NCBI Official Synonym Full Names	collagen, type VI, alpha 6
NCBI Official Symbol	COL6A6
NCBI Protein Information	collagen alpha-6(VI) chain
UniProt Protein Name	Collagen alpha-6(VI) chain
UniProt Gene Name	COL6A6
UniProt Entry Name	CO6A6_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://stage.aaabiotech.com/rabbit-antibody/collagen-type-vi/14332>