

Rabbit COL5A1 Antibody | anti-COL5A1 antibody

COL5A1 Antibody

CATALOG # AAA267044	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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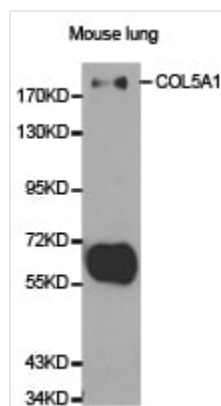
PRODUCT SYNONYMS

COL5A1; COL5A1 Antibody; collagen; type V; alpha 1; collagen alpha-1(V) chain; anti-COL5A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	1838
Applicable Applications for anti-COL5A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human COL5A1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of mouse lung cell line, using COL5A1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL5A1 antibody	The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial collagens (types I, II, III and V) and basement membrane collagens (type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.
Product Categories/Family for anti-COL5A1 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	89276751
NCBI GeneID	1289
NCBI Accession #	NP_000084.3
NCBI GenBank Nucleotide #	NM_000093.4
UniProt Accession #	P20908 ; Q15094 ; Q5SUX4
Molecular Weight	Calculated: 184kDa
NCBI Official Full Name	collagen alpha-1(V) chain isoform 1 preproprotein
NCBI Official Synonym Full Names	collagen type V alpha 1 chain
NCBI Official Symbol	COL5A1
NCBI Official Synonym Symbols	EDSC; EDSCL1
NCBI Protein Information	collagen alpha-1(V) chain
UniProt Protein Name	Collagen alpha-1(V) chain
UniProt Gene Name	COL5A1

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-human-mouse-rat-antibody/col5a1/267044>