

Rabbit Collagen XX alpha1 Polyclonal Antibody | anti-COL20A1 antibody

Collagen XX alpha1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324243	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

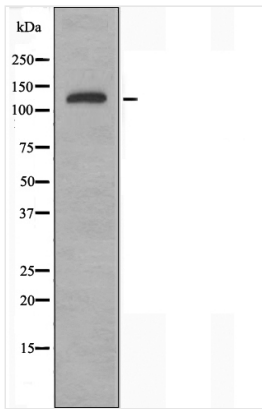
PRODUCT SYNONYMS

Collagen XX alpha1; Polyclonal Antibody; Collagen XX alpha1 Antibody; bA261N11.4; COL20A 1; Collagen alpha 1(XX) chain; Collagen like protein; Collagen type XX alpha 1; KIAA1510; COBA1_HUMAN; COL11A1; COLL6; Collagen alpha 1; Collagen alpha-1(XI) chain; collagen XI alpha 1; collagen XI; alpha 1 polypeptide; collagen; type XI; alpha 1; STL2; STL3; XI chain precursor; alpha 1 type V collagen; COL5A1; Collagen alpha-1(V) chain; Collagen V; anti-COL20A1 antibody

PRODUCT SPECIFICATIONS

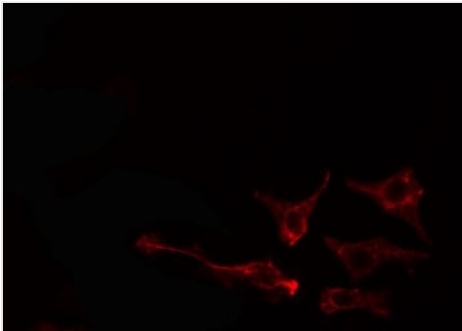
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Collagen XX alpha1 antibody detects endogenous levels of total Collagen XX alpha1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1284
Applicable Applications for anti-COL20A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted, Extracellular Space.
Tissue Specificity	High expression in heart, lung, liver, skeletal muscle, kidney, pancreas, spleen, testis, ovary, subthalamic nucleus and fetal liver. Weak expression in other tissues tested.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



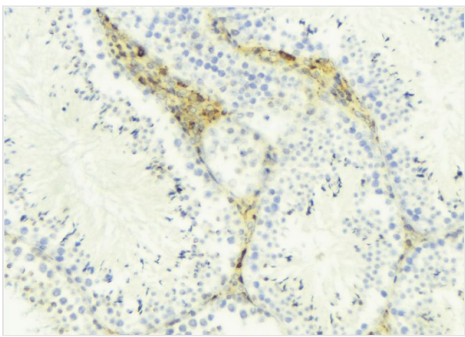
WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, using Collagen XX alpha1 antibody.



IF (Immunofluorescence)

AAA324243 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324243 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-COL20A1 antibody	Function: Probable collagen protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112734845
NCBI GeneID	57642
NCBI Accession #	NP_065933.2
NCBI GenBank Nucleotide #	NM_020882.2
UniProt Accession #	Q9P218; Q4VXQ4; Q6PI59; Q8WUT2; Q96CY9; Q9BQU6; Q9BQU7
Molecular Weight	Observed: 140 kD Predicted: 136 kDa
NCBI Official Full Name	collagen alpha-1(XX) chain
NCBI Official Synonym Full Names	collagen type XX alpha 1 chain
NCBI Official Symbol	COL20A1
NCBI Official Synonym Symbols	bA261N11.4

NCBI Protein Information	collagen alpha-1(XX) chain
UniProt Protein Name	Collagen alpha-1(XX) chain
UniProt Gene Name	COL20A1
UniProt Synonym Gene Names	KIAA1510

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-xx-alpha1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324243>