

Rabbit anti-Human COL8A1 / Collagen VIII Alpha 1 Polyclonal Antibody | anti-COL8A1 antibody

Anti-COL8A1 / Collagen VIII Alpha 1 Antibody (aa575-743) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52637	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry

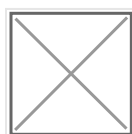
PRODUCT SYNONYMS

COL8A1 / Collagen VIII Alpha 1; Polyclonal Antibody; Anti-COL8A1 / Collagen VIII Alpha 1 Antibody (aa575-743) IHC-plus; Rabbit Polyclonal (IgG) to Human COL8A1 / Collagen VIII Alpha 1; Human COL8A1 / Collagen VIII Alpha 1; Collagen VIII Alpha 1; Endothelial collagen; C3orf7; Collagen alpha-1(VIII) chain; Collagen; type VIII; alpha 1; anti-COL8A1 antibody

PRODUCT SPECIFICATIONS

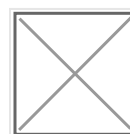
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human COL8A1 / Collagen VIII
Purity/Purification	Affinity purified
Form/Format	PBS, pH 7.4, 0.02% sodium azide, 50% glycerol.
Concentration	0.2 mg/ml (varies by lot)
Sequence Length	744
Applicable Applications for anti-COL8A1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	COL8A1 / Collagen VIII Alpha 1 antibody was raised against recombinant COL8a1 (Pro575-Pro743) expressed in E Coli.
Immunogen Description	Recombinant COL8a1 (Pro575-Pro743) expressed in E Coli.
Immunogen Type	Recombinant protein
Antigen Modification	aa575-743
Target Species	Human
Preparation and Storage	Store frozen product at or below -20 degree C. Thawed product may be stored for 2-4 weeks at 4 degree C. For optimal storage, aliquot to smaller portions and store at -20 degree C to -70 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot of recombinant COL8A1 / Collagen VIII.



IHC (Immunohistochemistry)

Human Spleen, Vessels: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-COL8A1 antibody	COL8A1 Antibody, Collagen VIII Alpha 1 Antibody, Endothelial collagen Antibody, C3orf7 Antibody, Collagen alpha-1(VIII) chain Antibody, Collagen, type VIII, alpha 1 Antibody Description: Macromolecular component of the subendothelium. Major component of the Descemet's membrane (basement membrane) of corneal endothelial cells. Also component of the endothelia of blood vessels. Necessary for migration and proliferation of vascular smooth muscle cells and thus, has a potential role in the maintenance of vessel wall integrity and structure, in particular in atherogenesis.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	17738302
NCBI GeneID	1295
NCBI Accession #	NP_001841.2
NCBI GenBank Nucleotide #	NM_001850.4
UniProt Accession #	P27658; Q53XI6; Q96D07; D3DN42
Molecular Weight	73,364 Da
NCBI Official Full Name	collagen alpha-1(VIII) chain
NCBI Official Synonym Full Names	collagen type VIII alpha 1
NCBI Official Symbol	COL8A1
NCBI Official Synonym Symbols	C3orf7
NCBI Protein Information	collagen alpha-1(VIII) chain
UniProt Protein Name	Collagen alpha-1(VIII) chain
UniProt Gene Name	COL8A1
UniProt Synonym Gene Names	C3orf7
UniProt Entry Name	CO8A1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/col8a1-collagen-viii-alpha-1-antibody-western-blot-immunohistochemistry-elisa/52637>