

Rabbit COL8A2 Polyclonal Antibody | anti-COL8A2 antibody

COL8A2 Polyclonal Antibody

CATALOG # AAA296659	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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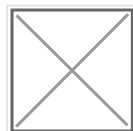
PRODUCT SYNONYMS

COL8A2; Polyclonal Antibody; COL8A2 Polyclonal Antibody; Collagen alpha-2 (VIII) chain (Endothelial collagen); anti-COL8A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-COL8A2 antibody	WB (Western Blot)
Function	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 (By similarity).
Cellular Location	Secreted, extracellular space, extracellular matrix, basement membrane
Tissue Location	Expressed primarily in the subendothelium of large blood vessels. Also expressed in arterioles and venules in muscle, heart, kidney, spleen, umbilical cord, liver and lung and is also found in connective tissue layers around hair follicles, around nerve bundles in muscle, in the dura of the optic nerve, in cornea and sclera, and in the perichondrium of cartilaginous tissues. In the kidney, expressed in mesangial cells, glomerular endothelial cells, and tubular epithelial cells. Also expressed in mast cells, and in astrocytes during the repair process. Expressed in Descemet's membrane.
Preparation and Storage	Store at -20°C.

IMAGES



WB (Western Blot)

Dilution: WB 1:500-2000, ELISA 1:10000-20000

ADDITIONAL INFORMATION

Related Product Information for anti-COL8A2 antibody	Background 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 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32964830
NCBI GeneID	1296
NCBI Accession #	NP_005193.1
NCBI GenBank Nucleotide #	NM_005202.2
UniProt Accession #	P25067; Q5JV31; Q8TEJ5
NCBI Official Full Name	collagen alpha-2(VIII) chain
NCBI Official Synonym Full Names	collagen, type VIII, alpha 2
NCBI Official Symbol	COL8A2
NCBI Official Synonym Symbols	FECD; PPCD; FECD1; PPCD2
NCBI Protein Information	collagen alpha-2(VIII) chain; collagen alpha-2(VIII) chain; endothelial collagen; collagen type VIII alpha 2; collagen VIII, alpha-2 polypeptide; dJ665N4.1 (collagen type VIII alpha 2)
UniProt Protein Name	Collagen alpha-2(VIII) chain
UniProt Gene Name	COL8A2
UniProt Entry Name	CO8A2_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/polyclonal/col8a2-antibody-western-blot-elisa/296659>