

Product datasheet for **TA590478**

COL8A1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	ELISA: 1:100-1:2000; IF/ICC 1:250-1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DNA immunization. This antibody was made against a protein fragment from the N Terminus Region
Formulation:	20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	collagen type VIII alpha 1 chain
Database Link:	NP_065084 Entrez Gene 1295 Human P27658
Background:	Collagen VIII alpha 1 is a 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 arterogenesis. Vastatin, the C-terminal fragment comprising the NC1 domain, inhibits aortic endothelial cell proliferation and causes cell apoptosis.
Synonyms:	C3orf7



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Note: This antibody was generated by SDIX's Genomic Antibody Technology® (GAT). [Learn about GAT](#)

Protein Families: Druggable Genome