

Rabbit anti-Human COL8A1 Polyclonal Antibody | anti-COL8A1 antibody

COL8A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230027	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

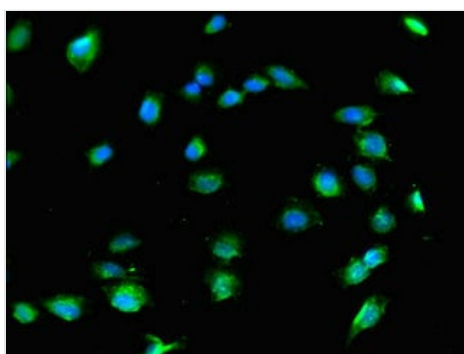
PRODUCT SYNONYMS

COL8A1; Polyclonal Antibody; COL8A1 Antibody; Collagen alpha-1(VIII) chain; Endothelial collagen; C3orf7; anti-COL8A1 antibody

PRODUCT SPECIFICATIONS

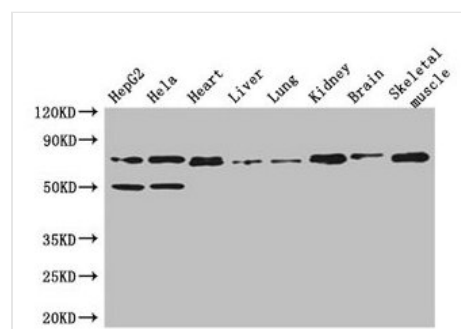
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	744
Applicable Applications for anti-COL8A1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant human Collagen alpha-1(VIII) chain protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-99356 / sc-99357
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of U251 cells using AAA230027 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, HeLa whole cell lysate, Mouse heart tissue, Mouse liver tissue, Mouse lung tissue, Mouse kidney tissue, Mouse brain tissue, Mouse skeletal muscle tissue. All lanes: COL8A1 antibody at 3ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 74 kDa. Observed band size: 74, 50 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-COL8A1 antibody	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.
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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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/col8a1-antibody-immunofluorescence-western-blot-elisa/230027>