Rabbit anti-Human, Mouse COL8A2 Polyclonal Antibody | anti-COL8A2 antibody

COL8A2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173404	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

COL8A2; Polyclonal Antibody; COL8A2 Polyclonal Antibody; FECD; PPCD; FECD1; PPCD2; anti-COL8A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	0.4mg/ml (varies by lot)
Sequence Length	638
Applicable Applications for anti-COL8A2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human COL8A2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82841 / sc-82844 / sc-134947
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using COL8A2 Polyclonal Antibody at dilution 1:20

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using COL8A2 Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-COL8A2 antibody	This gene encodes the alpha 2 chain of type VIII collagen. This protein is a major component of the basement membrane of the corneal endothelium and forms homo- or heterotrimers with alpha 1 (VIII) type collagens. Defects in this gene are associated with Fuchs endothelial corneal dystrophy and posterior polymorphous corneal dystrophy type 2. Alternative splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	661567389

NCBI GeneID	1296
NCBI GenBank Nucleotide #	NM_001294347.1
Molecular Weight	67,244 Da
NCBI Official Full Name	collagen alpha-2(VIII) chain isoform 2
NCBI Official Synonym Full Names	collagen type VIII alpha 2 chain
NCBI Official Symbol	COL8A2
NCBI Official Synonym Symbols	FECD; PPCD; FECD1; PPCD2
NCBI Protein Information	collagen alpha-2(VIII) chain
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-immunohistochemistry-elisa/173404