

Anti-COL7A1 antibody



Description	Rabbit polyclonal to COL7A1.
Model	STJ92402
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human COL7A1
Immunogen Region	1810-1890 aa, Internal
Gene ID	1294
Gene Symbol	COL7A1
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	COL7A1 Polyclonal Antibody detects endogenous levels of COL7A1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Collagen alpha-1 VII chain Long-chain collagen LC collagen
Molecular Weight	295.22 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2214OMIM:120120
Alternative Names	Collagen alpha-1 VII chain Long-chain collagen LC collagen
Function	Stratified squamous epithelial basement membrane protein that forms anchoring fibrils which may contribute to epithelial basement membrane organization and adherence by interacting with extracellular matrix (ECM) proteins such as type IV collagen.
Cellular Localization	Secreted, extracellular space, extracellular matrix, basement membrane.
Post-translational Modifications	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.

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