



COL7A1 rabbit pAb

Cat No.:ES4749

For research use only

Overview

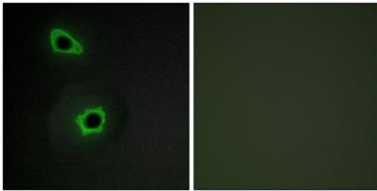
Product Name	COL7A1 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Collagen VII alpha1. AA range:1841-1890
Specificity	COL7A1 Polyclonal Antibody detects endogenous levels of COL7A1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Collagen alpha-1(VII) chain
Gene Name	COL7A1
Cellular localization	Secreted, extracellular space, extracellular matrix, basement membrane.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	1294
Human Swiss-Prot Number	Q02388
Alternative Names	COL7A1; Collagen alpha-1(VII) chain; Long-chain collagen; LC collagen
Background	collagen type VII alpha 1 chain(COL7A1) Homo sapiens This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of three identical alpha collagen chains, is





restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In the absence of mutations, however, an acquired form of this disease can result from an autoimmune response made to type VII collagen. [provided by RefSeq, Jul 2008],

Immunofluorescence analysis of COS7 cells, using Collagen VII alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Collagen VII alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.

