

Rabbit anti-Human COL7A1 / Collagen VII Polyclonal Antibody | anti-COL7A1 antibody

Anti-COL7A1 / Collagen VII Antibody (aa1841-1890) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52597	Rabbit	Human	ELISA, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

COL7A1 / Collagen VII; Polyclonal Antibody; Anti-COL7A1 / Collagen VII Antibody (aa1841-1890) IHC-plus; Rabbit Polyclonal (IgG) to Human COL7A1 / Collagen VII; Human COL7A1 / Collagen VII; Collagen alpha 1(vii); Collagen alpha-1(VII) chain; EBDCT; EBR1; Long-chain collagen; Collagen VII; Collagen; type VII; alpha 1; EBD1; LC collagen; anti-COL7A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Collagen VII alpha1 Antibody detects endogenous levels of total Collagen VII alpha1 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	2944
Applicable Applications for anti-COL7A1 antibody	ELISA, ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	COL7A1 / Collagen VII antibody was raised against synthetic peptide from human Collagen VII alpha1 (aa1841-1890).
Immunogen Description	Synthetic peptide from human Collagen VII alpha1 (aa1841-1890).
Antigen Modification	aa1841-1890
Target Species	Human
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

Immunofluorescence of COS7 cells, using Collagen VII alpha1 Antibody. The sample on the right was incubated with synthetic peptide.



IHC (Immunohistochemistry)

Anti-COL7A1 / Collagen VII antibody IHC staining of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-COL7A1 antibody	COL7A1 Antibody, Collagen alpha 1(vii) Antibody, Collagen alpha-1(VII) chain Antibody, EBDCT Antibody, EBR1 Antibody, Long-chain collagen Antibody, Collagen VII Antibody, Collagen, type VII, alpha 1 Antibody, EBD1 Antibody, LC collagen Antibody Description: COL7A1 / Collagen VII is 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502961
NCBI GeneID	1294
NCBI Accession #	NP_000085.1
NCBI GenBank Nucleotide #	NM_000094.3
UniProt Accession #	Q02388; Q14054; Q16507
Molecular Weight	292,267 Da
NCBI Official Full Name	collagen alpha-1(VII) chain
NCBI Official Synonym Full Names	collagen type VII alpha 1
NCBI Official Symbol	COL7A1
NCBI Official Synonym Symbols	EBD1; EBR1; EBDCT; NDNC8
NCBI Protein Information	collagen alpha-1(VII) chain
UniProt Protein Name	Collagen alpha-1(VII) chain
UniProt Gene Name	COL7A1
UniProt Synonym Gene Names	LC collagen
UniProt Entry Name	CO7A1_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/col7a1-collagen-vii-antibody-immunocytochemistry-immunohistochemistry-elisa/52597>