

Rabbit anti-Human, Mouse COL7A1 Polyclonal Antibody | anti-COL7A1 antibody

COL7A1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312838	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

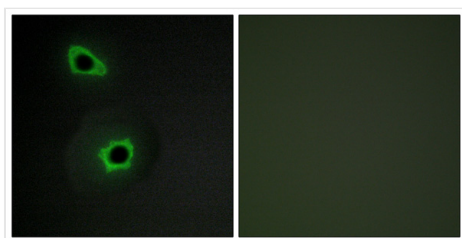
PRODUCT SYNONYMS

COL7A1; Polyclonal Antibody; COL7A1 Polyclonal Antibody; Collagen alpha-1 (VII) chain; Long-chain collagen; LC collagen; anti-COL7A1 antibody

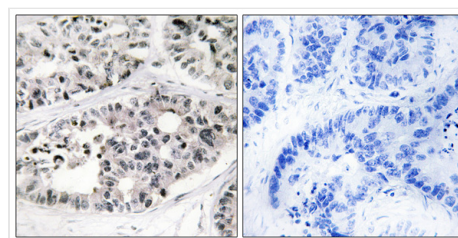
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	COL7A1 Polyclonal Antibody detects endogenous levels of COL7A1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-COL7A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from human Collagen VII alpha1. AA range:1841-1890
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


IF (Immunofluorescence)

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


IHC (Immunohistochemistry)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-COL7A1 antibody	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]
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Product Categories/Family for anti-COL7A1 antibody	Total protein Ab
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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	295,220 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
NCBI Protein Information	collagen alpha-1(VII) chain; collagen alpha-1(VII) chain; LC collagen; long-chain collagen; collagen VII, alpha-1 polypeptide
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-antibody-immunofluorescence-immunohistochemistry-elisa/312838>