

Rabbit anti-Human COL17A1 Polyclonal Antibody | anti-COL17A1 antibody

COL17A1 Antibody (Center)

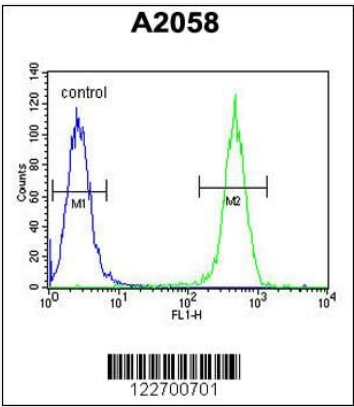
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285167	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

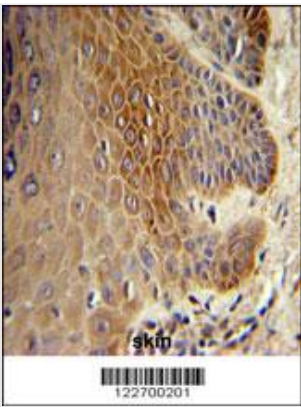
COL17A1; Polyclonal Antibody; COL17A1 Antibody (Center); Collagen alpha-1(XVII) chain; 180 kDa bullous pemphigoid antigen 2; Bullous pemphigoid antigen 2; 120 kDa linear IgA disease antigen; 120 kDa linear IgA dermatosis antigen; Linear IgA disease antigen 1; LAD-1; 97 kDa linear IgA disease antigen; 97 kDa linear IgA bullous dermatosis antigen; 97 kDa LAD antigen; 97-LAD; Linear IgA bullous disease antigen of 97 kDa; LABD97; BP180; BPAG2; anti-COL17A1 antibody

PRODUCT SPECIFICATIONS

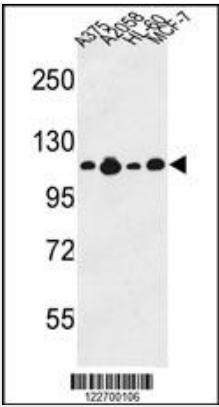
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COL17A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 475-504 amino acids from the Central region of human COL17A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	475-504
Sequence Length	1497
Applicable Applications for anti-COL17A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
COL17A1 Antibody (Center) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
COL17A1 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the COL17A1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of COL17A1 Antibody (Center) in A375, A2058, HL-60, MCF-7 cell line lysates (35ug/lane). COL17A1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-COL17A1 antibody	COL17A1 encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane.
Product Categories/Family for anti-COL17A1 antibody	Signal Transduction
References	Di Zenzo,G., et.al., J. Invest. Dermatol. 130 (4), 1040-1047 (2010) Ujiiie,H., et.al., J. Immunol. 184 (4), 2166-2174 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119829187
NCBI GeneID	1308
NCBI Accession #	NP_000485.3
NCBI GenBank Nucleotide #	NM_000494.3
UniProt Accession #	Q9UMD9; Q02802; Q5JV36; Q99018; Q9NQK9; Q9UC14
Molecular Weight	150419

NCBI Official Full Name	collagen alpha-1(XVII) chain
NCBI Official Synonym Full Names	collagen, type XVII, alpha 1
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	BP180; BPA-2; BPAG2; LAD-1; BA16H23.2
NCBI Protein Information	collagen alpha-1(XVII) chain
UniProt Protein Name	Collagen alpha-1(XVII) chain
UniProt Gene Name	COL17A1
UniProt Synonym Gene Names	BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97
UniProt Entry Name	COHA1_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/col17a1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/285167>