

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

COL17A1 Polyclonal Antibody

CATALOG # AAA173852	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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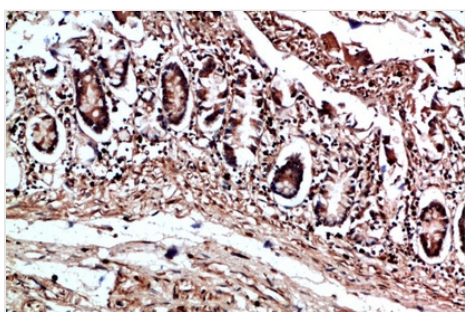
PRODUCT SYNONYMS

COL17A1; Polyclonal Antibody; COL17A1 Polyclonal Antibody; COL17A1 BP180 BPAG2; anti-COL17A1 antibody

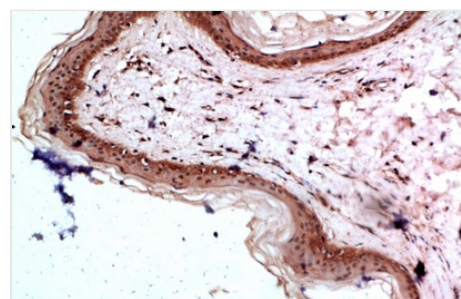
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	1497
Applicable Applications for anti-COL17A1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

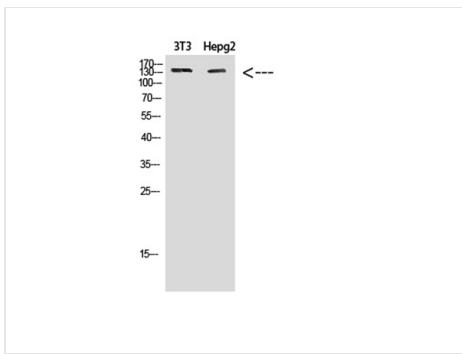
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon tissue using COL17A1 Polyclonal Antibody at dilution of 1:200.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human skin tissue using COL17A1 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 3T3, HepG2 cells using COL17A1 Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-COL17A1 antibody

COL17A1 (Collagen Type XVII Alpha 1 Chain) is a Protein Coding gene. Diseases associated with COL17A1 include Epidermolysis Bullosa, Junctional, Non-Herlitz Type and Epithelial Recurrent Erosion Dystrophy. Among its related pathways are Collagen chain trimerization and Phospholipase-C Pathway. An important paralog of this gene is COL6A1. This gene 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. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or LAD-1, is generated by proteolytic processing of the full length form.

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	Calculated Molecular Weight: 150kDa Observed Molecular Weight: 150kDa
NCBI Official Full Name	collagen alpha-1(XVII) chain
NCBI Official Synonym Full Names	collagen type XVII alpha 1 chain
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	ERED; 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/col17a1-antibody-immunohistochemistry-western-blot-elisa/173852>