

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

COL17A1 Polyclonal Antibody

CATALOG # AAA174818	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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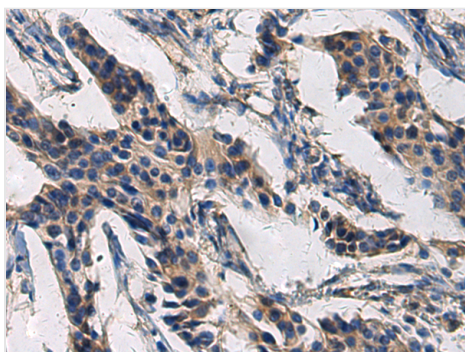
PRODUCT SYNONYMS

COL17A1; Polyclonal Antibody; COL17A1 Polyclonal Antibody; 180 kDa bullous pemphigoid antigen 2; Alpha 1 type XVII collagen; BA16H23.2; BP 180; BP180; BPA 2; BPAG 2; BPAG2; Bullous pemphigoid antigen 2; Collagen 17; Collagen alpha 1 XVII chain; Collagen alpha 1(XVII) chain; Collagen alpha1 XVII chain; Collagen type XVII alpha 1; Collagen XVII alpha 1 polypeptide; CollagenXVII; Epidermolysis bullosa junctional localisata variant; FLJ60881; KIAA0204; LAD 1; LAD1; anti-COL17A1 antibody

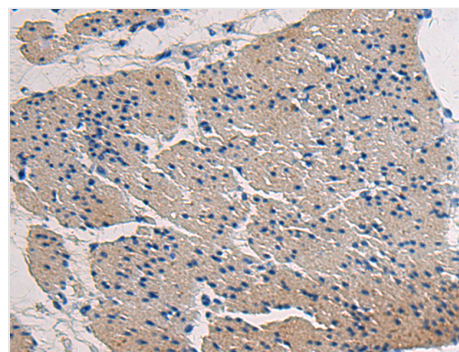
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	1497
Applicable Applications for anti-COL17A1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human COL17A1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using COL17A1 Polyclonal Antibody at dilution of 1:50(×200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using COL17A1 Polyclonal Antibody at dilution of 1:50(×200)

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.
Product Categories/Family for anti-COL17A1 antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119829187
NCBI GeneID	1308
NCBI Accession #	NP_000485.3
NCBI GenBank Nucleotide #	NP_000485.3
UniProt Accession #	Q9UMD9
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
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-elisa/174818>