

# **COL17A1 Polyclonal Antibody**

# Description

Product type Primary Antibody

Code BT-AP02069

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human

COL17A1. AA range:481-530

Mol wt 150419

Species reactivity Human

**Clonality** Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name COL17A1 Antibody

Synonyms COL17A1 BP180 BPAG2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

# Background

COL17A1 (collagen type XVII alpha 1 chain) 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 COL17A1 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.

#### Recommended Dilution

WB: 1: 500 - 2000

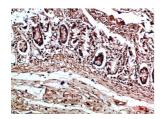
ELISA: 1: 10000 - 20000

Not yet tested in other applications.

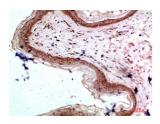
### **Images**

33 Hopg2 30 - - <---70 - - <---55 - 40 - 35 - 25 - Western Blot analysis of 3T3, hepg2 cells using Antibody diluted at 500. Secondary antibody was

diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:200



# Storage

-20°C for one year

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