

# Collagen XVII Antibody

Rabbit mAb

Catalog # AP90524

## Product Information

<b>Application</b>	WB, IHC, IF, ICC, IP, IHF
<b>Primary Accession</b>	<a href="#">Q9UMD9</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	BP180; BPA 2; BPAG2; COL17A1; Collagen 17; CollagenXVII; LAD1
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	150419

## Additional Information

<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Collagen XVII
<b>Description</b>	May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane. The 120 kDa linear IgA disease antigen is an anchoring filament component involved in dermal-epidermal cohesion. Is the target of linear IgA bullous dermatosis autoantibodies.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

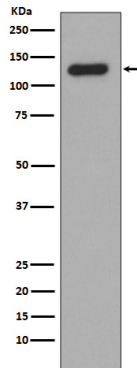
## Protein Information

<b>Name</b>	COL17A1
<b>Synonyms</b>	BP180, BPAG2
<b>Function</b>	May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane.
<b>Cellular Location</b>	Cell junction, hemidesmosome. Membrane; Single- pass type II membrane protein. Note=Localized along the plasma membrane of the hemidesmosome [97 kDa linear IgA disease antigen]: Secreted, extracellular space, extracellular matrix, basement membrane Note=Localized in the lamina lucida beneath the hemidesmosomes
<b>Tissue Location</b>	Detected in skin (PubMed:8618013). In the cornea, it is detected in the epithelial basement membrane, the epithelial cells, and at a lower level in stromal cells (at protein level) (PubMed:25676728). Stratified squamous

epithelia. Found in hemidesmosomes. Expressed in cornea, oral mucosa, esophagus, intestine, kidney collecting ducts, ureter, bladder, urethra and thymus but is absent in lung, blood vessels, skeletal muscle and nerves

## Images

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Western blot analysis of Collagen XVII expression in Human skin lysate.

Image not found : 202311/AP90524-IHC.jpg

Immunohistochemical analysis of paraffin-embedded mouse skin, using Collagen XVII Antibody.

Image not found : 202311/AP90524-IF.jpg

Immunofluorescent analysis of A431 cells, using Collagen XVII Antibody .

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