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COL17A1 Polyclonal Antibody

Catalog # AP74015

Product Information

Application	WB, IF, ICC, E
Primary Accession	Q9UMD9
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150419

Additional Information

Gene ID	1308
Other Names	COL17A1 BP180 BPAG2
Dilution	WB~~WB 1:500-2000, ELISA 1:10000-20000 IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

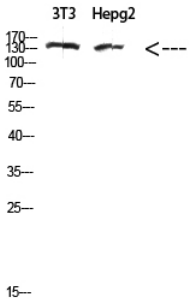
Protein Information

Name	COL17A1
Synonyms	BP180, BPAG2
Function	May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane.
Cellular Location	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
Tissue Location	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

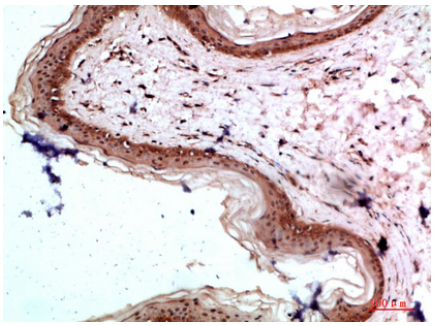
Background

May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane.

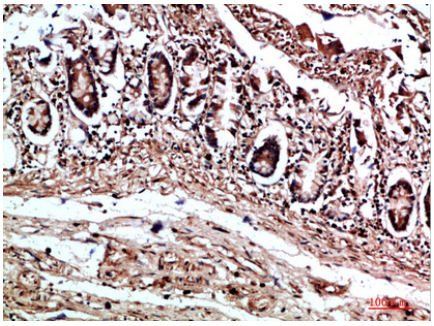
Images



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-skin, antibody was diluted at 1:200



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.