COL17A1 rabbit pAb

Cat#: orb771425 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	COL17A1 rabbit pAb
Host species	Rabbit
Applications	WB IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human COL17A1. AA range:481-530
Specificity	The antibody detects endogenous COL17A1 protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	collagen, type XVII, alpha 1
Gene Name	COL17A1 BP180 BPAG2
Cellular localization	Cell junction, hemidesmosome. Membrane; Single-pass type II membrane protein. Localized along the plasma membrane of the hemidesmosome.; [120 kDa linear IgA disease antigen]: Secreted, extracellular space, extracellular matrix, basement membrane. Exclusively localized to anchoring filaments. Localized to the epidermal side of split skin.; [97 kDa linear IgA disease antigen]: Secreted, extracellular space, extracellular matrix, basement membrane. Localized in the lamina lucida beneath the hemidesmosomes.

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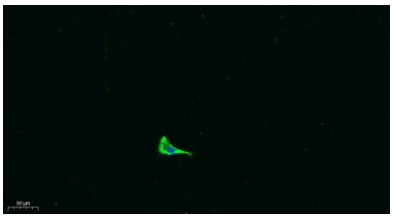
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	150kD
Human Gene ID	1308
Human Swiss-Prot Number	Q9UMD9
Alternative Names	COL17A1 BP180 BPAG2
Background	This gene 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. [provided by RefSeq, Jul 2008],



Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.

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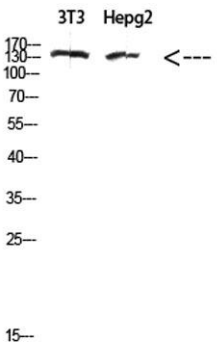
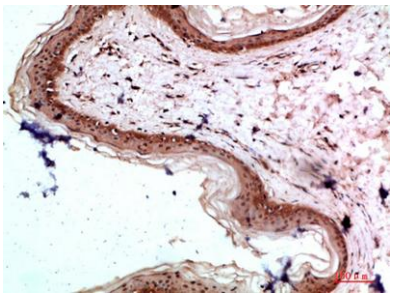
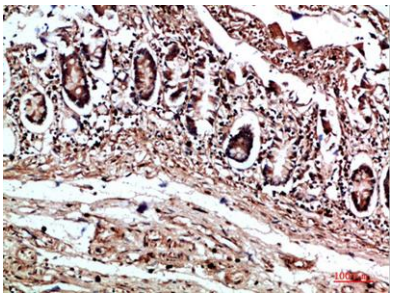


Western Blot analysis of 3T3, hepg2 cells using Antibody diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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

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