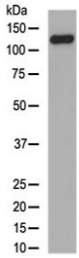
Collagen XVII Antibody / COL17A1 [clone AA-3] (RQ4497)

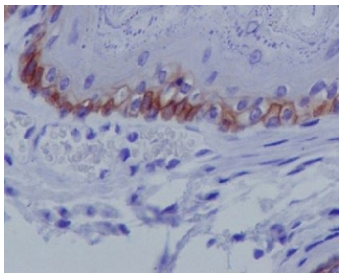
Catalog No.	Formulation	Size
RQ4497	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

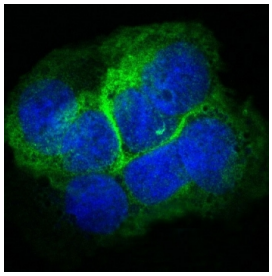
Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AA-3
Purity	Protein A affinity
UniProt	Q9UMD9
Localization	Cytoplasmic, membrane, cell junction
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:50-1:200 Immunofluorescence: 1:50-1:200
Limitations	This Collagen XVII antibody is available for research use only.



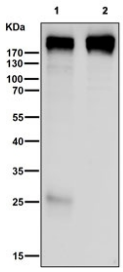
Western blot testing of human skin lysate with Collagen XVII antibody at 0.5ug/ml. Expected molecular weight ~120 kDa and ~180 kDa.



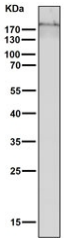
IHC testing of FFPE mouse skin with Collagen XVII antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Immunofluorescent staining of human A431 cells with Collagen XVII antibody (green) and DAPI nuclear stain (blue).



Western blot testing of human 1) A431 and 2) HT-29 cell lysate with Collagen XVII antibody. Expected molecular weight ~120 kDa and ~180 kDa.



Western blot testing of human PC-3 cell lysate with Collagen XVII antibody. Expected molecular weight ~120 kDa and ~180 kDa.

Description

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

Application Notes

Optimal dilution of the Collagen XVII antibody should be determined by the researcher.

Immunogen

A synthetic peptide from human Collagen XVII was used as the immunogen for the Collagen XVII antibody.

Storage

Store the Collagen XVII antibody at -20oC.

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