

Rabbit Collagen XVII Polyclonal Antibody | anti-COL17A1 antibody

Collagen XVII Antibody

CATALOG # AAA323660	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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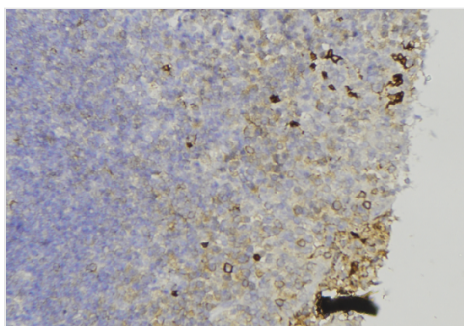
PRODUCT SYNONYMS

Collagen XVII; Polyclonal Antibody; Collagen XVII Antibody; 180 kDa bullous pemphigoid antigen 2; Alpha 1 type XVII collagen; BA16H23.2; BP 180; BP180; BPA 2; BPAG 2; BPAG2; Bullous pemphigoid antigen 2; COL17A1; Collagen 17; Collagen alpha 1 XVII chain; Collagen alpha 1(XVII) chain; Collagen alpha1 XVII chain; Collagen type XVII alpha 1; Collagen XVII alpha 1 polypeptide; CollagenXVII; Epidermolysis bullosa junctional localisata variant; FLJ60881; KIAA0204; LAD 1; LAD1; anti-COL17A1 antibody

PRODUCT SPECIFICATIONS

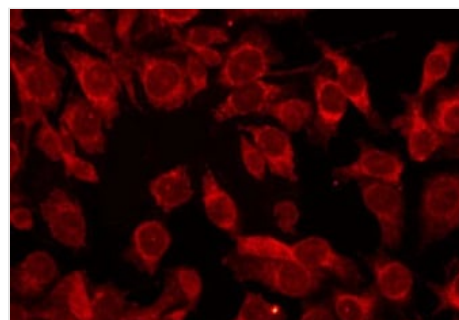
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Collagen XVII Antibody detects endogenous levels of total Collagen XVII.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Immunogen	A synthesized peptide derived from human Collagen XVII, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



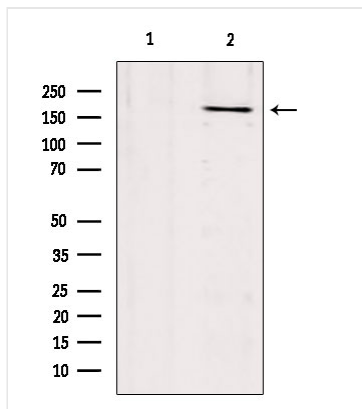
IHC (Immunohistochemistry)

AAA323660 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



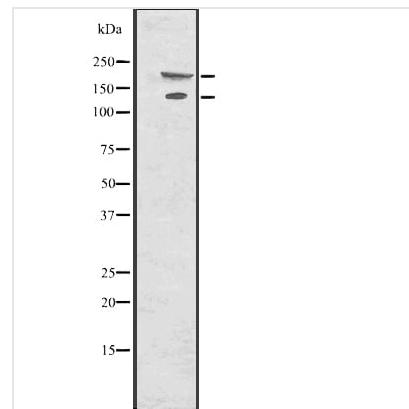
IF (Immunofluorescence)

AAA323660 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using Collagen XVII Antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis of Collagen XVII using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-COL17A1 antibody

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	119829187
NCBI GeneID	1308
NCBI Accession #	NP_000485.3
NCBI GenBank Nucleotide #	NM_000494.4
UniProt Accession #	Q9UMD9; Q02802; Q5JV36; Q99018; Q9NQK9; Q9UC14
Molecular Weight	Mol Weight: 130,180kDa
NCBI Official Full Name	collagen alpha-1(XVII) chain
NCBI Official Synonym Full Names	collagen type XVII alpha 1 chain
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	ERED; BP180; BPA-2; BPAG2; LAD-1; BA16H23.2
NCBI Protein Information	collagen alpha-1(XVII) chain
UniProt Protein Name	Collagen alpha-1(XVII) chain
UniProt Gene Name	COL17A1
UniProt Synonym Gene Names	BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-xvii-antibody-elisa/323660>