

MaxPab®

COL17A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001308-B01P

Size 500 ug

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human COL17A1 protein.

Immunogen

COL17A1 (AAI68368.1, 1 a.a. ~ 1497 a.a) full-length human protein.

Sequence

MDVTKKNKRDGTEVTERIVTETVTRRLTSLPPKGGTSNGYAKTASLGSSSRLEKQSLTHGSSGYIN
STGSTRGHASTSSYRRASPASTLPNSPGSTFERKTHVTRHAYEGSSSGNSSPEYPRKEFASSS
TRGRSQTRESEIRVRLQASASPSTRWTELDDVKRLKGSRSASVSPTRNSSNTLPIPKKGTVETKM/
TASSQSVSGTYDATILDANLP SHVWSSTLPAGSSMGTYHNNMTTQSSSLNTNAYSAGSVFGVPN
NMASCSP TLHPGLSTSSSVFGMQNNLAPSLTTL SHGTTTTSTAYGVKKNMPPQSPA AVNTGVSTS
AACTTSVQSDDLHKDCKFLILEKDNTPAKKEMELLIMTKDSGKVFTASPASIAATSFSEDTLKKE
KQAAYNADSGLKAEANGDLKTVSTKGKTTTADIHSYGSSGGGGSGGGGGVGGAGGGPWGPAP
AWCPGSCCSWWKWLLGLLL TWLLLLGLLFG LIALAEVRKLKARVDELERIRRSILPYGDSMDRI
EKDRLQGMAPAAGADLDKIGLHSDSQEELWMFVRK KLMMEQENGLRSGSPGKGDMSGPGPK
GDRGFPGTGPGLGHPGPQGPKGQKGSVGDPMEGPMQQRGREGPMGPRGEAGPPGSGE
KGERGAAGEPGPHGPPGVP GSVGPKGSSGSPGPQPPGPVGLQGLRGEVGLPGVKGDKGPM
GPPGPKGDQGEKGRGLTGEPGMRGLPGAVGEPGAKGAMGPAGPDGHQGPRGEQGLTGMP
GIRGPPGPSGDPGPKPLTGPPQGPQLPGTPGRPGIKGEPGAPGKVTSEGS SMLTVPGPPGPPG
AMGPPGPPGAPGAPGAGLP GHQEVNLQGPPGPPGPRGPPGPSIPGPPGPRGPPGEGLPGP
PGPPGSFLSNSETFLSGPPGPPGPPGPKGDQPPGPRGHQGEQGLPGFSTSGSSSFGLNLQG
PPGPPGPQGPKGDKGDPGVP GALGIPSGPSEGGSSSTMYVSGPPGPPGPPGPPGPGSISSSGQEI
QQYISEYMQSDSIRS YL SGVQGP GPPGPPGPVTTITGETFDYSELASHVVS YLRTSGYGVSLFSS
SISSEDILAVLQRDDVRQYL RQYLMGPRGPPGPPGASGDGSLSLDYAELSSRILSYMSSSGISGL
PGPPGPPGLPGTSYEELL SLLRGSEFRGIVGPPGPPGPPGIPGNVWSSISVEDLSSYLHTAGLSFI
PGPPGPPGPPGPRGPPGVSGALATYAAENSDFSRELISYLTSPDVRSFIVGPPGPPGPQGPPG
DSRLLSTDASHSRGSSSSSHSSSVRRGSSYSSSMSTGGGGAGSLGAGGAFGEAAGDRGPYGT
DIGPGGGYGAAAEGGMYAGNGLLGADFA GDLDYNELAVRVSESMQRQGLLQGMAYTVQGPPG
QPGPQGP GISKVFSAYS NVTADLMDFFQTYGAIQGPPGQKGEMGTPGPKGDRGPAGPPGHPG
PPGPRGHKGEKGDKG DQVYAGRRRRRSIAVKP

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — COL17A1

Entrez GeneID [1308](#)

GeneBank Accession# [BC168368.1](#)

Protein Accession# [AA168368.1](#)

Gene Name COL17A1

Gene Alias BA16H23.2, BP180, BPAG2, FLJ60881, KIAA0204, LAD-1

Gene Description collagen, type XVII, alpha 1

Omim ID [113811 226650](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000020422|alpha 1 type XVII collagen|BA16H23.2 (collagen, type XVII, alpha 1 (BP180))|bullous pemphigoid antigen 2 (180kD)|collagen XVII, alpha-1 polypeptide

Disease

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