

MaxPab®

COL15A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001306-B01P

Size 500 ug

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human COL15A1 protein.

Immunogen

COL15A1 (NP_001846.3, 1 a.a. ~ 1388 a.a) full-length human protein.

Sequence

MAPRRNNGQCWCLLMLLSVSTPLPAVTQTRGATETASQGHDLTQLIGVPLPSSVSFVTGYGGF
PAYSFGPGANVGRPARTLIPSTFFRDFASVVVKPSSTRGGVLFATDAFQKVMGLRLSGVEDGH
QRILYYTEPGSHVSQEAFAFVPMVTHRWNRFAMVQGEEVTLVNCEEHSRPFQRSSQALAFE
SSAGIFMGNAGATGLERFTGSLQQLTVHPDPRTPPEELCDPEESSASGETSGLQEADGVAEILEAV
TYTQASPKEAKVEPINTPPTPSSPFEDMELSGEPVPEGTLETTNMSIIQHSSPKQGSGEILNDTLEG
VHSVVDGDPITDSGSGAGAFDLIAEEKNLAATAAGLAEVPISTAGEAEASSVPTGGPTLSMSTENP
EEGVTPGPDNEERLAATAAGEAEALASMPGEVEASGVAPGELDLSMSAQSGLGEEATVGPSSE
DSLTTAAAATEVSLSTFEDEEASGVPTDGLAPLTATMAPERAVTSGPGDEEDLAAATTEEPLITA
GGEESGSPPPDGPPLPLPTVAPERWITPAQREHVMKKGAGPKGEKGDAGEELPGPPEPSGP
VGPTAGAEAEAGSGLGWGSDVGSGSGDLVGSEQLLRGPPGPPGPPGLPGIPGKPGTDVFMGPP
GSPGEDGPAGEPGPPGPEGQPGVDGATGLPGMKGEKGARGPNGSVGEKGDGPNRGLPGPPG
KKGQAGPPGVMGPPGPPGPPGPPGCTMGLGFEDTEGSGSTQLLNEPKLSRPTAAIGLKGEK
GDRGPKGERGMDGASIVGPPGPRGPPGHKVLNSNLINITHGFMNFSDIPELVGPPGPDGLPLGP
GFPGRGPKGDTGLPGFPGLKGEQGEKGEPGAILTEDIPLERLMGKKGEPGMHGAPGPMGPKG
PPGHKGEFGLPGRPGRLNGLKGTKGDPGVIMQGPPGLPGPPGPPGPPGAVINIKGAIFPIVR
PHCKMPVDTAHPGSPELITFHGVKGEKGSWGLPGSKGEKGDQGAQGPPGPPLDLAYLRHFLNN
LKGENDKGFKGEKGEKGDINGSFLMSGPPGLPGNPGPAGQKGETVVGPPQGPPGAPGLPGPP
GFGRPDGPDPGPPGPPGPPGPPAILGAVALPGPPGPPGQPLGSRNLVTAFSNMDDMLQKAHL
VIEGTFMLRDSTEFFIRVRDGWKKLQLGELIIPADSPPPPALSSNPHQLLPPPNPISSANYEKPAL
HLAALNMPFSGDIRADFQCFKQARAAGLLSTYRAFLSSHLQDLSTVRKAERYSLPVLNLKGQVLF
NNWDSIFSGHGGQFNMHPIYSFDGRDITDPSWPQKVIWHGSSPHGVRLVDNYCEAWRTADTA
VTGLASPLSTGKILDQKAYSCANRLIVLCIENSFMTDARK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (73)

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 — COL15A1

Entrez GeneID [1306](#)**GeneBank Accession#** [NM_001855.3](#)**Protein Accession#** [NP_001846.3](#)**Gene Name** COL15A1**Gene Alias** FLJ38566**Gene Description** collagen, type XV, alpha 1**Omim ID** [120325](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes the alpha chain of type XV collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XV collagen has a wide tissue distribution but the strongest expression is localized to basement membrane zones so it may function to adhere basement membranes to underlying connective tissue stroma. Mouse studies have shown that collagen XV deficiency is associated with muscle and microvessel deterioration. [provided by RefSeq]

Other Designations OTTHUMP00000063794|alpha 1 type XV collagen|collagen XV, alpha-1 polypeptide|collagen type XV proteoglycan

Disease

- [Genetic Predisposition to Disease](#)

- [Scleroderma](#)