

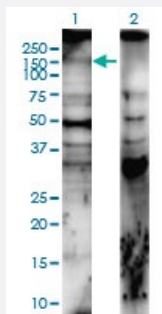
DNAXPAb

Hard-to-Find
Antibody

COL3A1 DNAXPab

Catalog # H00001281-W01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of COL3A1 expression in transfected 293T cell line by COL3A1 DNAXPab polyclonal antibody.

Lane 1: COL3A1 transfected lysate(105.27 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human COL3A1 DNA using DNAX™ Immune technology.

Technology

[DNAX™ Immune](#)

Immunogen

COL3A1 (AAH28178.1, 154 a.a. ~ 918 a.a) partial-length human DNA

Sequence

MMSFVQKGSWLLLALLHPTILAAQQEAVEGGCSHLGQSYADRDVWKPEPCQICVCDSGSVLCDD
IICDDQELDCPNPEIPFGECCA VCPQPPTAPTRPPNGQGPQGPKGDPGPPGIPGRNGDPGIPGQ
PGSPGSPGPPGICESCPTGPQNYSPQYDSYDVKSGVAVGGLAGYPGPAGPPGPPGPPGTSGHP
GSPGSPGYQGPPGEPGQAGPSGPPGPPGAIGPSGPAGKDGESGRPGRPGERGLPGPPGIKGP
AGIPGFPGMKGHRGFDGRNGEKGETGAPGLKGENGLPGENGAPGPMGPRGAPGERGRPLPG
AAGARGNDGARGSDGQPGPPGPPGTAGFP GSPGAKGEVGPAGSPGSNGAPGQRGEPGPQG
HAGAQQPPGPPGINGSPGGKGEMGPAGIPGAPGLMGARGPPGPAGANGAPGLRGGAGEPGKN
GAKGEPGPRGERGEAGIPGVPGAKGEDGKD GSPGEPGANGLPGAAGERGAPGFRGPAGPNGI
PGEKGPAGERGAPGPAGPRGAAGEPGRDGVPGGPGMRGMPGSPGGPGSDGKPGPPGSQGE
SGRPGPPGPSGPRGQPGVMGFPGPKGNDGAPGKNGERGPGGPGPQGP PGKNGETGPQGP
PGPTGPGGDKGDTGPPGPQGLQGLPGTGGPPGENGKPGEPGPKGDAGAPGAPGGKGDAGAP
GERGPPGLAGAPGLRGGAGPPGPEGGKGAAGPPGPPGAAGTPGLQGMPGERGGLGSPGPKG
DKGEPGGPGADGVPGKDGRGPTGPIGPPGPAGQPGDKGEGGAPGLPGIAGPRGSPGERGET
GPPGPAGFPGAPGQNGEPGGKGERGAPGEKGE GPPGVAGPPGKDGTS GHPGPIGPPGPRG
NRGERGSEGPSGHPGQPGPPGPPGAPGPCCGGVGAAAIAIGGEKAGGFAPYYGDEPMDFKIN
TDEIMTSLKSVNGQIESLISPDGSRKNPARNCRDLKFCHPELKSGEYWVDPNQGCKLDAIKVFCN
METGETCISANPLNVPRKHWWTDSSAEKKHWWFGESMDGGFQFSYGNPELPEDVLDVQLAFLR
LLSSRASQNITYHCKNSIAYMDQASGNVKKALKLMGSNEGEFKAEGNSKFTYTVLEDGCTKHTGE
WSKTVFEYRTRKAVRLPVDIAPYDIGGPDQEF GVDVGPVCFL

Host Rabbit

Reactivity Human

Purification Protein A

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.

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[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — COL3A1

Entrez GeneID [1281](#)

GeneBank Accession# [BC028178.1](#)

Protein Accession# [AAH28178.1](#)

Gene Name COL3A1

Gene Alias EDS4A, FLJ34534

Gene Description collagen, type III, alpha 1

Omim ID [120180](#) [130020](#) [130050](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dalgleish]

Other Designations Ehlers-Danlos syndrome type IV, autosomal dominant|alpha1 (III) collagen|collagen type III alpha 1|collagen, fetal

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Aneurysm](#)
- [Angina](#)
- [Aortic Aneurysm](#)
- [Aortic Rupture](#)
- [Cardiovascular Diseases](#)

- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Coronary Disease](#)
- [Cystocele](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Hepatitis B](#)
- [Hernia](#)
- [Infection](#)
- [Inflammation](#)
- [Intervertebral Disk Displacement](#)
- [Intracranial Aneurysm](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Marfan syndrome](#)
- [Metabolic Syndrome X](#)
- [Mitral Valve Prolapse](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Obstetric Labor](#)

- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Rectal Prolapse](#)
- [Renal Insufficiency](#)
- [Skin Diseases](#)
- [Vertebral Artery Dissection](#)
- [Werner syndrome](#)