

DNAxPAb

Hard-to-Find
Antibody

COL5A1 DNAxPab

Catalog # H00001289-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human COL5A1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGPPGPPGPRGPSGAPGADGPQGPPGGIGNPGAVGEKGEPGEAGEPGLPGEGGPPGPKGER GEKGESGPSGAAGPPGPKGPPGDDGPKGSPGPVGFPDGPPEGEPGAGQDGP PGDKGDD GEPGQTGSPGPTGEPGPSGPPGKRPPGPAGPEGRQGEKGAKGEAGLEGPPGKTGPIGPQGA PGKPGPDGLRGIPGPVGEQGLPGSPGPDGPPGPMGPPGLPGLKGDSPKGKEGHPGLIGLIGP PGEQGEKGDRGLPGPQGSSGPKGEQGITGPSGPIGPPGPPGLPGPPGPKGAKGSSGPTGPKG EAGHPGPPGPPGPPGEVIQPLPIQASRTRRNIDASQLLDDNGENYVDYADGMEEIFGSLNSLKL EIEQMKRPLGTQQNPARTCKDLQLCHPDFPDGEYWVDPNQGCSRDSFKVYCNTAGGSTCVFP DKKSEGARITSWPKENPGSWFSEFKRGKLLSYVDAEGNPVGVVQMTFLRLLSASAHQNVYHCY QSVAWQDAATGSYDKALRFLGSNDEEMSYDNNPYRALVDGCATKKGYQKTVLEIDTPKVEQVPI VDIMFNDFGEASQKFGFEVGPACFMG
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — COL5A1

Entrez GeneID [1289](#)

GeneBank Accession# [BC008760](#)

Protein Accession# [AAH08760](#)

Gene Name COL5A1

Gene Alias -

Gene Description collagen, type V, alpha 1

Omim ID [120215](#) [130000](#) [130010](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are associated with Ehlers-Danlos syndrome, types I and II. [provided by RefSeq]

Other Designations OTTHUMP00000022513|OTTHUMP00000064637|alpha 1 type V collagen

Pathway

- [ECM-receptor interaction](#)

- [Focal adhesion](#)

Disease

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Intervertebral Disk Displacement](#)
- [Knee Injuries](#)
- [Musculoskeletal Diseases](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Rupture](#)
- [Skin Diseases](#)
- [Tendinopathy](#)