

DNAxPAb

Hard-to-Find
Antibody

XYLT1 DNAxPab

Catalog # H00064131-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human XYLT1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MVAAPCARRLARRSHSALLAALTVLLLQTLVWVNFSSLDGAGERRGGAAVGGGEQPPAPAP
RRERRDLPAEPAAARGGGGGGGGGGGGRGPQARARGGGPGEPGQQPASRGALPARALDPH
PSPPLITLETQDGYFSHRPKEKVRTDSNNENSVPKDFENVDNSNFAPRTQKQKHQPELAKKPPSR
QKELLKRKLEQQEKKGHTFPGKGPGEVLPPGDRAAANSSHGKDVSRRPPHARKTGGSSPETKY
DQPPKCDISGKEAISALSRAKSKHCRQEIGETCYRHLGLLMPEKVTRFCPLEGKANKNVQWDE
DSVEYMPANPVRIAFVLVHGRASRQLQRMFKAMHKDHFYIHVDKRSNYLHRQVLQVSRQYSNV
RVTPWRMATIWGGASLLSTYLQSMRDLEMTDWPWDDFINLSAADYPIRTNDQLVAFLSRYRDMN
FLKSHGRDNARFIRKQGLDRLFLECDAHMWRLGDRRIPEGIAVDGGSDWFLNRRFVEYVTFSTD
DLVTKMKQFYSYTLLPAESFFHTVLENSPHCDTMVDNNLRITNWNRLGCKCQYKHVDWCGCS
PNDFKPQDFHRFQQTARPTFFARKFEAVVNQEIIQQLDYLYGNYPAGTPGLRSYWENVYDEPDGI
HLSLSDVTLTYHSFARLGLRRAETSLHTDGENSCRYYPMGHPASVHLYFLADRFQGFLIKHHATNL
AVSKLETLETWVMPKKVKFIASPPSDFGRLQFSEVGTDWDAKERLFRNFGLLGPMDEPVGMQ
KWGKGPNVTVTWVDPVNVIAATYDILIESTAEFTHYKPLNLPLRPGVWTVKILHHWVPVAETKF
LVAPLTFSNRQPIKPEEALKLHNGPLRNAYMEQSFQSLNPVLSLPINPAQVEQARRNAASTGTALE
GWLDSLVGGMWTAMDICATGPTACPMQTCSTAWSSFSPPDKSELGAVKPDGRLR

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 — XYLT1

Entrez GeneID [64131](#)

GeneBank Accession# [BC156039.1](#)

Protein Accession# [AA156040.1](#)

Gene Name XYLT1

Gene Alias XT-I, XT1

Gene Description xylosyltransferase I

Omim ID [264800 608124](#)

Gene Ontology [Hyperlink](#)

Gene Summary Xylosyltransferase (XT; EC 2.4.2.26) catalyzes the transfer of UDP-xylose to serine residues within XT recognition sequences of target proteins. Addition of this xylose to the core protein is required for the biosynthesis of the glycosaminoglycan chains characteristic of proteoglycans.[supplied by OMIM]

Other Designations UDP-D-xylose:proteoglycan core protein beta-D-xylosyltransferase 1|xylosyltransferase 1

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Aortic Aneurysm](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Tobacco Use Disorder](#)