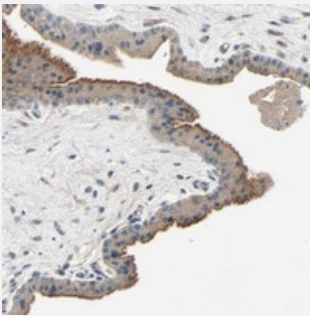


XYLT1 polyclonal antibody

Catalog # PAB20380 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human skeletal muscle with XYLT1 polyclonal antibody (Cat # PAB20380) shows moderate cytoplasmic positivity at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant XYLT1.
Immunogen	Recombinant protein corresponding to amino acids of human XYLT1.
Sequence	VWTVKILHHWVPVAETKFLVAPLTF SNRQPIKPEEALKLHNGPLRNAYMEQSFQSLNPVLSLPINP AQVEQARRNAASTGTALEGWLD SLVGGMWTAMDICATGPTACPMQTCSQTAWSSFSPDPKS ELG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — XYLT1

Entrez GeneID[64131](#)**Protein Accession#**[Q86Y38](#)**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](#)