10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

XYLK Rabbit Polyclonal Antibody

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Catalog # AP93446

Specification

XYLK Rabbit Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O75063
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit,IgG
Clonality	Polyclonal
Calculated MW	46432

XYLK Rabbit Polyclonal Antibody - Additional Information

Gene ID 9917

Other Names
Glycosaminoglycan xylosylkinase, 2.7.1.-, Xylose kinase, FAM20B (HGNC:23017)

Storage Conditions
-20℃

XYLK Rabbit Polyclonal Antibody - Protein Information

Name FAM20B (HGNC:23017)

Function
Responsible for the 2-O-phosphorylation of xylose in the glycosaminoglycan-protein linkage region of proteoglycans thereby regulating the amount of mature GAG chains. Sulfated glycosaminoglycans (GAGs), including heparan sulfate and chondroitin sulfate, are synthesized on the so-called common GAG-protein linkage region (GlcUAbeta1-3Galbeta1-3Galbeta1-4Xylbeta1-O-Ser) of core proteins, which is formed by the stepwise addition of monosaccharide residues by the respective specific glycosyltransferases. Xylose 2-O- phosphorylation may influence the catalytic activity of B3GAT3 (GlcAT- I) which completes the precursor tetrasaccharide of GAG-protein linkage regions on which the repeating disaccharide region is synthesized.

Cellular Location
Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location
Widely expressed. Strongly expressed in pancreas, spleen and fetal liver.

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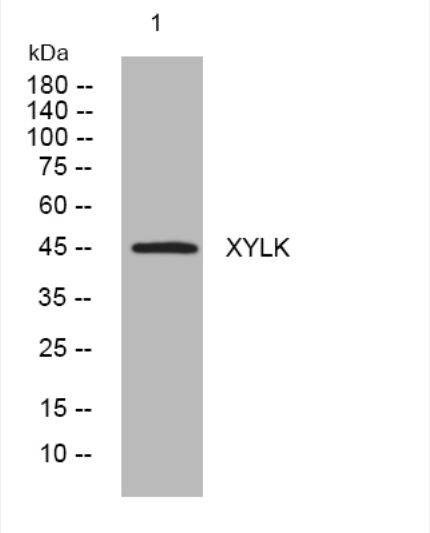
XYLK Rabbit Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

XYLK Rabbit Polyclonal Antibody - Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night