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XYLK Rabbit Polyclonal Antibody

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Catalog # AP93446

Product Information

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

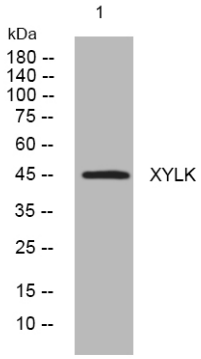
Additional Information

Gene ID	9917
Other Names	Glycosaminoglycan xylosylkinase, 2.7.1.-, Xylose kinase, FAM20B (HGNC:23017)
Dilution	WB~~1:1000
Storage Conditions	-20℃

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.

Images



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