

For Research Use Only

# XYLT1 Recombinant antibody, PBS Only

Catalog Number: 85008-1-PBS



## Basic Information

Catalog Number:

85008-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_022166

GeneID (NCBI):

64131

UNIPROT ID:

Q86Y38

Full Name:

xylosyltransferase I

Calculated MW:

108 kDa

Observed MW:

110~120 kDa

Purification Method:

Protein A purification

CloneNo.:

242315A12

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

XYLT1, also named as XT1, Belongs to the glycosyltransferase 14 family and XylT subfamily. It catalyzes the first step in biosynthesis of glycosaminoglycan. XYLT1 transfers D-xylose from UDP-D-xylose to specific serine residues of the core protein. Initial enzyme in the biosynthesis of chondroitin sulfate and dermatan sulfate proteoglycans in fibroblasts and chondrocytes. The antibody is specific to XYLT1.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

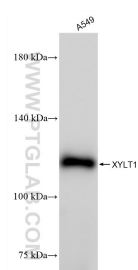
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85008-1-RR (XYLT1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85008-1-PBS in a different storage buffer formulation.