

For Research Use Only

XYLT2 Polyclonal antibody

Catalog Number:55064-1-AP



Basic Information

Catalog Number:

55064-1-AP

Size:

150ul , Concentration: 1400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_022167

GeneID (NCBI):

64132

UNIPROT ID:

Q9H1B5

Full Name:

xylosyltransferase II

Calculated MW:

97 kDa

Observed MW:

97-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human

Positive Controls:

IP : MDA-MB-231 cells,

Background Information

Xylosyltransferases catalyze the attachment of xylose, first linker sugar residue, to a major group of extracellular matrix proteins, namely proteoglycans, and are therefore of key importance for proper PG biosynthesis in many tissues (PMID: 26027496). XYLT2 (xylosyltransferase II, XylT-II) is a protein homologous to XYLT1 but with hitherto unknown activity or physiological function. In most tissues, both xylosyltransferase genes are expressed and in numerous cell lines XYLT2 is the major xylosyltransferase (PMID: 17189265, 25748573).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-XYLT2 (IP:55064-1-AP, 4ug;
Detection:55064-1-AP 1:500) with MDA-MB-231
cells lysate 880 ug.