

For Research Use Only

B4GALT7 Polyclonal antibody

Catalog Number: 10535-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

10535-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0793

GenBank Accession Number:

BC007317

GeneID (NCBI):

11285

UNIPROT ID:

Q9UBV7

Full Name:

xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I)

Calculated MW:

37 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Background Information

B4GALT7 (Beta-1,4-galactosyltransferase 7), also known as galactosyltransferase I, is involved in the formation of proteoglycans which are components of the extracellular matrix in connective tissues (PubMed: 10438455). The reduced activity of B4GALT7 results in delayed wound repair, altered migration, adhesion and contractility of patient fibroblasts (PMID: 16583246, PMID: 18158310). Mutations in B4GALT7 that also result in Spondylodysplastic (PMID: 24755949, PMID: 12417421).

Notable Publications

Author	Pubmed ID	Journal	Application
Dziedzic Dariusz D	19690584	Eur J Hum Genet	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

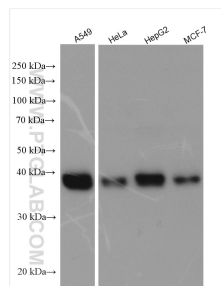
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
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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



Various lysates were subjected to SDS PAGE followed by western blot with 10535-1-AP (B4GALT7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.