

# B4GALT7 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21133a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9UBV7</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB51691
Calculated MW	37406

## Additional Information

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Gene ID	11285
Other Names	Beta-1, 4-galactosyltransferase 7, Beta-1, 4-GalTase 7, Beta4Gal-T7, b4Gal-T7, 241-, UDP-Gal:beta-GlcNAc beta-1, 4-galactosyltransferase 7, UDP-galactose:beta-N-acetylglucosamine beta-1, 4-galactosyltransferase 7, Xylosylprotein 4-beta-galactosyltransferase, Proteoglycan UDP-galactose:beta-xylose beta1, 4-galactosyltransferase I, UDP-galactose:beta-xylose beta-1, 4-galactosyltransferase, XGPT, XGalT-1, Xylosylprotein beta-1, 4-galactosyltransferase, B4GALT7, XGALT1
Target/Specificity	This B4GALT7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 256-290 amino acids from the C-terminal region of human B4GALT7.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	B4GALT7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	B4GALT7
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<b>Synonyms</b>	XGALT1
<b>Function</b>	Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts.
<b>Cellular Location</b>	Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Note=Cis cisternae of Golgi stack
<b>Tissue Location</b>	High expression in heart, pancreas and liver, medium in placenta and kidney, low in brain, skeletal muscle and lung

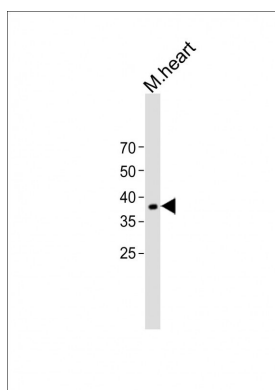
## Background

Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts.

## References

Almeida R.,et al.J. Biol. Chem. 274:26165-26171(1999).  
Okajima T.,et al.J. Biol. Chem. 274:22915-22918(1999).  
Lo N.-W.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images



All lanes: Anti-B4GALT7 Antibody (C-term) at 1:1000 dilution + Mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 37.4 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.